



14 17 8770

Dr B. B. Miles Fort Richardson. Texas 1868

1869

Dr ~~W~~ B. Lyon Fort Mc Rae New Mexico

1869

Dr C. E. White Camp Trinidad Texas

Dr J. A. Tanner St George Is Alaska 1870

Reagles Camp Verde Ariz 1876

1868

Dr M. Eldredge Fort Griffin Texas 1869

Dr C. E. Goddard Fort Rice Dacotah 1868

Dr J. P. Kimball Fort Buford Dacotah 1868

Dr Tillman Fort Lyon Colorado. 1870

where he is

Dr Geo Rice Norfolk Va

Dr Stenberg ? 1869

Dr J. H. Bell Vancouver Is Wash Terr Entogwa Bay

Dr A. A. Compost Fort Randall Dac. Talonia

monstrous

Dr B. J. D. Irvine Fort Riley Kansas 1873

Dr Geo. W. Hopkins Old Pined Agency Dacotah 1871

Skater of med officers.

Dr Jas. Reagles Camp Verde Ariz. 1876

23.

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20	225
21	239
22	251

General
Number

Number
of
Division

Mammalia, a. Skeletons of Mammalia

- | | | |
|------|-----|---|
| 174✓ | 1✓ | <i>Scotophilus Carolinensis</i> , Geoff, Carolina Bat, mas
A, M. M. |
| 601✓ | 2✓ | <i>Nyctinomus nasutus</i> , Tomes, Sharp-nosed Bat,
Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 600✓ | 3✓ | <i>Vespertilio lucifugus</i> , Allen, Blunt-nosed Bat
Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 113✓ | 4✓ | <i>Vespertilio subulatus</i> , Allen, little-brown Bat
Adolf I. Schaphirt Esq. |
| 112✓ | 5✓ | <i>Scalops aquaticus</i> , Cuvier, Common Mole, (mas,
Miss Hattie D. Holt |
| 631✓ | 6✓ | <i>Felis concolor</i> , Linné, Panther
Dr. H. M. Eldery, A, Surgeon U, S, A, |
| 20✓ | 7✓ | <i>Felis domesticus</i> , Linné, Common Cat, (fem)
Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 712✓ | 8✓ | <i>Canis occidentalis</i> , Linné, White & Gray Wolf
Dr. C. C. Gray, Surgeon U, S, A, |
| 76✓ | 9✓ | <i>Canis familiaris</i> , Linné, Common Dog (fem)
Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 99✓ | 10✓ | <i>Vulpes fulvus</i> , — Red Fox (mas)
A, M. M. |
| 722✓ | 11✓ | <i>Lutorius novaboracensis</i> , DeKay, White Weasel
Dr. J. J. Kimball, A, Surgeon U, S, A, |

Skeletons of Mammalia

161 ✓	12 ✓	<i>Mephitis mephitis</i> — Common Skunk, (mas) A, M, M,
134 ✓	13 ✓	<i>Procyon lotor</i> , Storr, Raccoon, (mas) A, M, M.
10 ✓	14 ✓	<i>Sciurus carolinensis</i> , Gmelin, Gray Squirrel, (fem) A, M, M.
175 ✓	15 ✓	<i>Pteromys volucella</i> , Cuvier, Flying Squirrel (mas) A, M, M.
561 ✓	16 ✓	<i>Tamias striatus</i> , — Chipmunk (mas) A, M, M.
681 ✓	17 ✓	<i>Dipodomys Ordii</i> , Woodhouse, Kangaroo Rat (mas) Dr. J. F. Weeds, Assist. Surgeon U, S, A,
19 ✓	18 ✓	<i>Mus decumanus</i> , Pallas, Brown Rat (mas) Frederic Schaphirt, A, A, Surgeon U, S, A,
69 ✓	19 ✓	<i>Mus musculus</i> , Linne', Common Mouse (mas) Frederic Schaphirt, A, A, Surgeon U, S, A,
48 ✓	20	<i>Lepus cuniculus</i> , Linne', English Rabbit, (mas) Ernst F. Schaphirt, Hosp. Steward U, S, A,
164 ✓	21 ✓	<i>Lepus sylvaticus</i> , Bach, Gray Rabbit, (mas) A, M, M,
818 ✓	22	<i>Lepus madagascarensis</i> , — Long-eared Rabbit (fem) A, M, M.
123 ✓	23	<i>Sus scrofa</i> , Linne', Common Pig (young mas) J. M. Lyons Esq.

Skeletons of Mammalia

5

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|--------|------|---|
| 829 ✓ | 24 ✓ | <i>Dicotyles torquatus</i> , Cuvier, Texas Peccary, fem,
Dr. Donald Jackson, A, A, Surgeon, U, S, A, |
| 853 ✓ | 25 ✓ | <i>Sus scrofa</i> , Linné, Common Pig with Seven Legs, and
eight feet, Smithsonian Institution |
| 856 ✓ | 26 ✓ | <i>Sus scrofa</i> , Linné, Common Pig with Two Heads
Smithsonian Institution |
| 634 ✓ | 27 ✓ | <i>Cervus virginianus</i> , Boddard, Virginia Deer (mas)
A, M, M, |
| 1069 ✓ | 28 ✓ | <i>Cervus canadensis</i> , Exrl, American Elk, (mas)
Dr. J. B. Girard, Assist. Surgeon U, S, A, |
| 841 ✓ | 29 | <i>Capella rupicapra</i> , Linné, Chamois from the Alps
(mas) Dr. Edward Mejs, in Munich Bavaria |
| 106 ✓ | 30 | <i>Capra hircus</i> , Linné, Common Goat (mas)
A, M, M, |
| 686 ✓ | 31 ✓ | <i>Bos americanus</i> , Gmelin, Buffalo (mas)
Dr. A, M. Squier, A, A, Surgeon U, S, A, |
| 802 ✓ | 32 | <i>Bos taurus</i> , Linné, Common Cow,
Dr. Brailey, Vet. Surgeon, U, S, A, |
| 804 ✓ | 33 | <i>Equus caballus</i> , Linné, Common Horse
Dr. Brailey, Vet. Surgeon U, S, A, |
| 1 ✓ | 34 ✓ | <i>Didelphus virginiana</i> , Shaw, Opossum (mas)
A, M, M, |
| 162 ✓ | 35 ✓ | <i>Didelphus virginiana</i> , Shaw, Opossum (fem with
a young one, one Day old |
| 163 ✓ | 36 ✓ | A, M, M, |

General
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Skeletons of Mammalia

580	37	<i>Felis domesticus</i> , Linné, a young kitten with two faces Colonel W. Knox of Dacotah
683	38	<i>Felis domesticus</i> , Linné, a young kitten with two faces Governor R. B. Mitchel of New Mexico
793	39	<i>Lynx maculatus</i> , Audubon, Texas-wild Cat Dr. C. C. Gray, Surgeon U. S. A,
795	40	<i>Taxidea americana</i> , Waterh, Missouri Badger Dr. C. C. Gray, Surgeon U. S. A,
848	41	<i>Antrozous pallidus</i> , Allen, the pale Bat, Dr. W ^m B. Lyon, A. A, Surgeon U. S. A,
849	42	<i>Scotophilus Georgianus</i> , Allen, Georgia Bat, Lieut. Colonel Geo. A. Otis, A. Surgeon U. S. A,
852	43	<i>Lutorius longicauda</i> , Rich. Long-tailed Weasel Dr G. P. Kimball, Assist. Surgeon U. S. A,
854	44	<i>Scotophilus fuscus</i> , Pal, the brown Bat Smithsonian Institution
872	45	<i>Cavia Cobaya</i> , Linné, Guinea-Pig, (fem) with rudimentary clavicles, A. M. M,
905	46	<i>Cynomys ludoviciana</i> , - Prairie Dog, (fem) Dr. C. H. Alden, Surgeon U. S. A,
907	47	<i>Canis latrans</i> , Say, Prairie Wolf (mas) Dr. C. H. Alden, Surgen U. S. A,
1084	48	<i>Canis latrans</i> , Say, Prairie Wolf, (disarticulated) Donator unknown

General
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Skeletons of Mammalia

7

- | | | |
|--------|------|--|
| 1009 ✓ | 49 | <i>Nycticejus crepuscularis</i> , Allen,
Dr. William Butt. (Bat) |
| 1021 | 50 | <i>Glomoides aethiops</i> , Schaphirt, Negro (fem)
(with 33 ossa sessamoidea) A, M, M, |
| 1042 ✓ | 54 ✓ | <i>Ursus horribilis</i> , Ord, Grizzly Bear (fem)
Dr. J. Basil Girard, Assist Surgeon U.S.A, |
| 1053 ✓ | 52 ✓ | <i>Trichecus rosomarus</i> , Linne', Walrus (mas)
Dr. J. A. Tonner, A, A, Surgeon U.S.A, |
| 1057 ✓ | 53 ✓ | <i>Callorhinus ursinus</i> , Gray, Fur Seal (mas)
Dr. J. A. Tonner, A, A, Surgeon U.S.A, |
| 1061 ✓ | 54 ✓ | <i>Ovis montana</i> , Cuvier, Mountain Sheep, (mas)
Dr. J. Basil Girard, Assist. Surgeon U.S.A, |
| 1075 ✓ | 55 ✓ | <i>Putorius novaboracensis</i> , DeKay, Ermine, (mas)
Dr. J. Basil Girard, Assist. Surgeon U.S.A, |
| 1081 ✓ | 56 ✓ | <i>Castor canadensis</i> , Vuhl, American Beaver (mas)
Donator unknown |
| 1082 ✓ | 57 ✓ | <i>Castor canadensis</i> , Vuhl, American Beaver,
(Disarticulated) Donator unknown |
| 1066 ✓ | 58 | <i>Ceropithecus fuliginosus</i> , Cuvier, Moor-Ape, Menkey
A, M, M. |
| 1106 ✓ | 59 ✓ | <i>Condylura cristata</i> , Illiger, Star-nosed Mole (mas)
Frederic Schaphirt, A, A, Surgeon U.S.A, |
| 1137 ✓ | 60 | <i>Dipodomys Ordii</i> , Woodhouse, Kangaroo-Rat (mas)
Dr. J. A. Tonner, A, A, Surgeon U.S.A, |

Skeletons of Mammalia

- 1196 ✓ 61 ✓ *Vulpes macrourus*, Baird, Prairie Fox, (Disarticulated)
Dr. J. W. Brewster, Asst. Surgeon U. S. A.
- 1198 ✓ 62 ✓ *Lasiurus noveboracensis*, Toms, the Red Bat
Frederic Schaphert, Act. Asst. Surgeon U. S. A.
- 1205 ✓ 63 ✓ *Arctomys monax*, Gmelin, Woodchuck
A. N. Ferris, U. S. A.
- 1210 ✓ 64 ✓ *Ursus americanus*, Pallas, Black Bear
Dr. Goddard, Surgeon U. S. A.
- 1253 65 ✓ deformed Pig, (*Sus scrofa*, L.) with eight Legs, & four sets of Ribs, two Sterna, the two Thorax form only one cavity, one Cranium, but no maxilla inferior.
Smithsonian Institution
- 1255 66 ✓ a little Pig (*Sus scrofa* L) with a malformed cranium, on which the nose has formed a two inch long proboscis, underneath of it is a double orbit of one inch in length, and below of it a flat but rudimentary maxilla superior, the max. inferior has a curvature in the anterior third upward
Smithsonian Institution
- 1256 67 ✓ a little Pig with malformed head, the cranium has only a small cavity for cerebellum, and is without facial bones, only the maxilla inferior is developed
Smithsonian Institution
- 1258 68 ✓ skeleton of a Puppy of *Canis familiaris*, Linné, with five Legs, the right os innominatum has two acetabuli, and two Legs, the additional Leg has two feet
Smithsonian Institutions

- 1259 69 ✓ A Kitten (*Felis domesticus*, L.) the cranium is but a small capsula, without face, a little larger than a pistol ball, with a very minute rudimentary maxilla inferior, Smithsonian Institution
-
- 1260 70 ✓ A Kitten (*Felis domesticus*, L.) with a malformed Cranium, the nose formed a proboscium one inch long, a single orbit underneath the nose, and a rudimentary maxilla superior, maxilla inferior has a curvature in anterior third upwards Smithsonian Institution
-
- 1261 71 ✓ A Kitten (*Felis domesticus*, L.) with a double face, in front and between the faces is a single orbit, but large enough for two eyes, the two mouths form but one cavity, maxilla inferior is anteriorly square about one inch, Smithsonian Institution
-
- 1275 ✓ 72 A little Pig on which the cranium is formed like a round ball with a long proboscis curved up and backward and resting on top of the head, there are no orbits, nor zygomatic arches, the maxilla inferior is only a short bridge from one side to the other.
Do, W^m, B. Lyon, A. A. Surgeon U. S. A.
-
- 1296 ✓ 73 *Ateles paniscus*, Geoffr., Spider-Monkey
from Brazil A. M. M.
-
- 1297 ✓ 74 *Cynocephalus porcarius*, Desm., Chacma
from Abyssinia A. M. M.
-
- 1298 ✓ 75 *Mycetes seniculus*, Kuhl, Golden Howler
from Guiana A. M. M.

Skeletons of Mammalia

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|--------|----|---|
| 1299 ✓ | 76 | <i>Ceropithecus pygerythus</i> , Cuv. Vervet from Guiana
A. M. M. |
| 1300 ✓ | 77 | <i>Macacus radiatus</i> , —, Capped Macaque
from India A. M. M. |
| 1301 ✓ | 78 | <i>Tarsius spectrum</i> , Geoffr. Tarsier from Madagascar
A. M. M. |
| 1302 ✓ | 79 | <i>Tacchus oedipus</i> , Wag. Pinche from Guiana
A. M. M. |
| 1303 ✓ | 80 | <i>Choloepus Hoffmanni</i> , —, Two-toed Sloth
from Central America A. M. M. |
| 1304 ✓ | 81 | <i>Ornithorhynchus anatinus</i> , Shaw, Ornithorhynchus
from Australia. A. M. M. |
| 1305 ✓ | 82 | <i>Echidna hystrix</i> , Cuv, Spiny Ant-Eater
from Australia A. M. M. |
| 1306 ✓ | 83 | <i>Thalangista vulpina</i> , Desm, Vulpine Opossum
from Australia, A. M. M. |
| 1307 ✓ | 84 | <i>Tigris regalis</i> , —, Bengal Tiger from India
A. M. M. |
| 1308 ✓ | 85 | <i>Delphinus delphis</i> , Linne', Dolphin
Europæan Waters, A. M. M. |
| 1310 ✓ | 86 | <i>Thomomys rufescens</i> , Maxim, Fort Union Gopher.
Dr. Elliot Coues, Asst, Surgeon U. S. A,
Pembina Pembina Dakota |
| 1311 ✓ | 87 | <i>Spermophilus 13 lineatus</i> , Aud, Striped Gopher
Dr. Elliot Coues, Asst, Surgeon, U. S. A.
Pembina Dakota. |

- 1314 ✓ 88 *Vulpes velox*, Audubon, Swift Fox
Dr. Elliot Coues, Asst. Surgeon U. S. A.
Munroe Riv. Dak.
- 1321 ✓ 89 Double faced Kitten, *Felis domesticus*, Linne
Mr. Kennedy, Hosp. Steward U. S. A.
- 1352 ✓ 90 *Cynomys gunnisonii*, Baird, Short-tailed Prairie Dog
H. C. Sarrow M. D.
- 1355 ✓ 91 *Sciurus hudsonicus*, Pallas, Red Squirrel
Dr. H. C. Sarrow
- 1356 ✓ 92 *Neotoma cinerea* Rocky Mountain Rat
Dr. H. C. Sarrow
- 1357 ✓ 93 *Sciurus castanonotus*, Baird, Chestnut-Backed Squirrel
Dr. H. C. Sarrow
- 1362 ✓ 94 *Tamias quadrivittatus*, Rich, Missouri striped Squirrel
Dr. H. C. Sarrow
- 1363 ✓ 95 *Spermophilus lateralis*, Rich, Say's striped Squirrel
Dr. H. C. Sarrow
- 1368 ✓ 96 *Felis domesticus*, L, a Kitten with two bodies
Theodore F. McKeen
- 1406 ✓ 97 *Hesperomys leucopus*, Wagner, white footed mouse
Dr. H. C. Sarrow
- 1407 ✓ 98 *Simia Satyrus*, Linne', Orang-Outang
A. M. M.
- 1409 ✓ 99 *Cynomys ludovicianus*, — Prairie Dog, (mas)
Dr. Peter J. A. Cleary, Asst. Surgeon U. S. A.

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|--------|-------|---|
| 1410 ✓ | 100 | <i>Cynomys ludovicianus</i> , — Prairie Dog, (fem)
Dr. Peter F. A. Cleary, Asst Surgeon U. S. A. |
| 1424 ✓ | 101 | <i>Putorius longicauda</i> , Rich. Long-tailed Weasel
Dr. Elliot Coues, Asst. Surgeon, U. S. A.
Shig Mr. Lake museum 1894 |
| 1544 | 102 ✓ | <i>Cervus leucurus</i> , Douglas, white tailed Deer
disarticulated, Mr Carpenter U. S. Explor. Expedition |
| 1545 ✓ | 103 | <i>Cervus macrotis</i> , Say, Mule-Deer, Disarticulated
Mr Carpenter, U. S., Explor. Expedition |
| 1569 ✓ | 104 | <i>Dipodomys phillipsii</i> , Gray, Jumping Rat.
George M. Wheeler, Lieut of Engineers |
| 1570 ✓ | 105 | <i>Spermophilus beecheyi</i> , Rich. California Ground Squirrel
George M. Wheeler, Lieut. of Engineers |
| 1571 ✓ | 106 | <i>Vulpes littoralis</i> , Baird, Island fox
George M. Wheeler, Lieut. of Engineers |
| 1572 ✓ | 107 | <i>Thomomys umbrinus</i> , — Sonora Gopher
George M. Wheeler, Lieut. of Engineers |
| 1589 ✓ | 108 | <i>Caracus macrotis</i> , Say, Black-tail Deer (disarticulated)
Dr. W ^m . M. Notson, Asst. Surgeon U. S. A. |
| 1703 ✓ | 109 | <i>Geomys bursarius</i> , Rich, Pocket Gopher
Dr. Ew. M'Chesney, A. A. Surgeon U. S. A. |
| 1704 ✓ | 110 | <i>Thomomys talpoides</i> , Baird, California Gopher
Dr. Ew. M'Chesney, A. A. Surgeon U. S. A. |
| 1709 ✓ | 111 | <i>Arvicola rufidorsum</i> , Baird, ^{(myomys) myomys. Omer.}
Dr. Ew. M'Chesney, A. A. Surgeon U. S. A. |

- 1712 112 ✓ *Bostaurus* L, fem, a Heifer with six Legs
J. L. Weatherwax Esq, of Washington D. C.
- 1756 113 ✓ *Lepus callotis*, Wagler, Mule-Rabbit
S. Kitching, Hosp, Steward U. S. A.
- 1895 114 ✓ *Geomys bursarius*, Rich, Poached Gopher, Minnesota
Francis H. Atkins, A. A. Surgeon U. S. A.
- 1896 115 ✓ *Lepus callotis*, Wagler, Mule-Rabbit
Francis H. Atkins, A. A. Surgeon U. S. A. ^{Minnesota}
- 1901 116 ✓ *Castor canadensis*, Vuhl, ^{Minnesota}
Francis H. Atkins A. A. Surgeon U. S. A.
- 1918 117 ✓ *Cavia cobaya*, Linne', Guinea Pig, (mas)
E. T. Parker, Washington D. C.
- 2059 118 ✓ *Sciurus hudsonius*, Pallas, Red Squirrel, Ft Sisseton
Dr. Ed. McChesney, A. A. Surgeon U. S. A.
- 2060 119 ✓ *Spermophilus tridecemlineatus*, Mitch, Ft, Sisseton
Dr. Ed. McChesney, A. A. Surgeon U. S. A.
- 2061 120 ✓ *Tamias striatus*, Linne', Chipmunk, Ft, Sisseton
Dr. Ed. McChesney, A. A. Surgeon U. S. A.
- 2062 121 ✓ *Geomys bursarius*, Shaw, Poached Gopher, Ft, Sisseton
Dr. Ed. McChesney, A. A. Surgeon U. S. A.
- 2063 122 ✓ *Geomys bursarius*, Shaw, Poached Gopher, Ft, Sisseton
Dr. Ed. McChesney, A. A. Surgeon U. S. A.
- 2066 123 ✓ *Fiber zibethicus*, Cuvier, Muskrat, Ft, Sisseton, January
28th 1877, Dr. Ed. McChesney, A. A. Surgeon U. S. A.

Skeletons of Mammalia

2067. 124 ✓ *Canis familiaris*, L., with three innominata and five legs.
Dr. Toner of Washington D. C. February 14th 1878
- 2068 125 ✓ *Eutamias gapperi*, Vigors, Gappers Field-Mouse Ft. Sisseton,
February 15th 1877, Dr. Ed. M'Chesney A. A. Surgeon U. S. A.
- 2073 126 ✓ *Eutamias gapperi*, Vigors, Gappers Field Mouse, Ft. Sisseton
April 10th 1877, Dr. Ed. M'Chesney A. A. Surgeon U. S. A.
- 2074 127 ✓ *Didelphys californica*, Bennet, Black Possum, Ft. Brown,
Texas, Dr. James C. Merrill, Ast. Surg, U. S. A., febr. 20th 1878
- 2075 128 ✓ *Tatusia septem-cinctus*, L., Armadilla, Ft. Brown Texas
February 20th 1878, Dr. James C. Merrill, Ast Surg U. S. A.
- 2078 129 ✓ *Procyon lotor*, Storr, common Raccoon, Ft. Larned Kansas
Dr. Francis. H. Atkins A. A. Surgeon U. S. A.
- 2087 130 ✓ *Arvicola riparia*, Ord, Field Mouse, Camp Supply, January
30th 1878, Dr. T. E. Wilson Asst. Surgeon U. S. A.
- 2089 132 ✓ *Hesperomys leucogaster*, - Missouri Mouse, Ft. Sisseton, April
20th 1877, Dr. C. Ed. M'Chesney A. A. Surgeon U. S. A.
- 2113 133 ✓ *Zapus hudsonius*, Coes, Jumping mouse, Jersey valley
July 1877 Lt Wheelers exploration, H. W. Henshaw
- 2135 134 ✓ *Hesperomys leucogaster*, - Missouri Mouse, Ft. Sisseton.
Sept. 8th 1877, Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A.
- 2141 135 ✓ *Blarina brevicauda*, Gray, Short-tailed Shrew, Ft. Sisseton
Dec 8th 1877, Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A.
- 2146 136 ✓ *Spermophilus franklinii*, Rich, Ft. Sisseton, August 16th 1877
Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A.

- 2150 137 ✓ *Arvicola austera*, Leconte, Ft. Sisseton, October 26th 1877
(6) Dr. C. Ed, M'Chesney, A. A, Surgeon U. S. A.
- 2153 138 ✓ *Canis familiaris*, foetus, with malformed
Mr. Ferguson of Washington D. C, May 11th 1878
- 2156 139 ✓ *Neotoma ^{floridana} mexicana*, Baird, Mexican Bush Rat
Oct. 23rd 1877, Dr. J. E. Wilcox, Asst. Surgeon
Ft. Brown, Texas, James C Merrill
- 2159 140 ✓ *Spermophilus mexicanus*, Wagner, Mexican ground Squirrel, Camp
Supply, Sept 1877 Dr. J. E. Wilcox Asst. Surgeon U. S. A.
Ft. Brown, Texas, James C. Merrill
- 2170 141 ✓ Double Kitten with two perfect bodies, and but one Cranium
four ears, and three eye, one eye between the two occipital
bones, Ft. Randall, D. T., May 27th 1878
Dr. A. C. Girard, Asst. Surgeon U. S. A.
- 2184 142 ✓ double Kitten with two perfect bodies, and normal Cranium
Mr Samuel Shepherd of Washington D. C, Sept 9th 1878
- 2185 143 ✓ Disarticulated Skeleton of *Mephitis mephitis*, Skins
S. Vitching Hoops. Steward U. S. A
September 30th 1878 Fort Sisseton
- 2203 144 ✓ *Ateles paniscus*, Geoff, Spider Monkey, Philad^a Nov 15th
1878, Herman Faber Esq.
- 2208 145 ✓ *Sciurus ludovicianus*, Castis, western fox Squirrel, Camp Supply
Febr, 13th 1879, Dr. J. D. Hall, Asst. Surgeon U. S. A.
- 2243 146 ~~*Heloderma suspectum*, Cope, Fort Grant, Arizona June
26th 1879, C. H. Campbell, Capt, 6th Cavalry U. S. A.~~
- 2278 146 ✓ *Sciurus fremontii*, Towns, Mountain Gray Squirrel
Fort Ellis, Montana October 1st 1879
Doctor David Smiley, Act. Asst. Surg, U. S. A.
(Smiley. Smiley)

A NEW MONSTROSITY was added to-day to the collection of four-legged chickens, six-legged pigs, eight-legged dogs, and other irregular animals in the Army medical museum. One of a litter of seven puppies, which is not all that it should be, was contributed by Mr. Ferguson, of this city. It has no lower jaw, and consequently no mouth, and for this reason also its large ears seem to be far down on its shoulders. Its nose is remarkably long, resembling slightly an elephant's trunk, or perhaps more closely the proboscis of the ant-eater. It has no nostrils, no openings in the ears, no eyes, no opening corresponding to a mouth. Thus finding no capacity for breathing is of the first importance, the puppy died. It will be photographed, and then dissected and its skeleton placed in the museum.

Skeletons of Mammalia

- 2150 137 ✓ *Arvicola auster*, Leconte, Ft. Sisseton, October 26
(♂) Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A.
- 2153 138 ✓ *Canis familiaris*, factus, with malformed Cranium
Mr. Ferguson of Washington D. C., May 11th 1878.
- 2156 139 ✓ *Neotoma ^{floridana} mexicana*, Baird, Mexican Bush Rat, Camp Supply
Oct. 23rd 1877, Dr. J. E. Wilcox, Asst. Surgeon U. S. A.
Ft. Brown Texas, James C. Merrill
- 2159 140 ✓ *Spermophilus mexicanus*, Wagner, Mexican ground Squirrel, Camp
Supply, Sept 1877, Dr. J. E. Wilcox Asst. Surgeon U. S. A.
Ft. Brown, Texas, James C. Merrill
- 2170 141 ✓ Double Kitten with two perfect bodies, and but one Cranium
four Ears, and three eye, one Eye between the two occipital
bones, Ft. Randall, D. T., May 27th 1878
Dr. A. C. Girard, Asst. Surgeon U. S. A.
- 2184 142 ✓ double Kitten with two perfect bodies, and normal Cranium
Mr Samuel Shepherd of Washington D. C., Sept 9th 1878
- 2185 143 ✓ Disarticulated Skeleton of *Mephitis mephitis*, Skins
S. Vitching Hoops. Steward U. S. A.
September 30th 1878 Fort Sisseton
- 2203 144 ✓ *Ateles paniscus*, Geoff, Spider Monkey, Philad^a Nov 15th
1878, Herman Faber Esq.
- 2208 145 ✓ *Sciurus ludovicianus*, Custer, Western Fox Squirrel, Camp Supply
Febr, 13th 1879, Dr. J. D. Hall, Asst. Surgeon U. S. A.
- 2243 146 ~~*Heloderma suspectum*, Cope, Fort Grant, Arizona Jan~~
~~26th 1879, C. H. Campbell, Capt, 6th Cavalry U. S. A.~~
- 2278 146 ✓ *Sciurus fremontii*, Towns, Mountain Gray Squirrel
Fort Ellis, Montana October 1st 1879
Doctor David Smiley, Act. Asst. Surg. U. S. A.
(Smiley Smiley)

2320. 147 ✓ Disarticulated skeleton of ~~*Hystrix hudsoni*~~, Post Saramie
Wyo, Tex, Oct, 3-1879, Dr, R. W. Shufeld, Asst, Surg, U.S., A,

2418 148 ✓ *Lagothrix Humboldtii* October 25th 1880
Presented by Oliver & Schofield 1343. Penn^a Avenue
Washington D.C. who state that it was brought here
by Mr Randall Consul to Brazil

2463 149 Disarticulated Skeleton of Black Bear. (Young
James Shields Washington D.C. March. 17th 1882

150

Crania of Mammalia

General Number	Number of Division	
644	1	<i>Troglodytes gorilla</i> - (Cast of) Dr. Peffries Wyman
233	2	Red-groove Monkey A. M. M.
845	3	Marmoset Captain Asa Fitch, U. S. N.
727	4	<i>Plecotus auritus</i> , Linné, Long-eared Bat Dr. Eduard Mefs in Munich Bavaria
728	5	<i>Vesperugo pipistrellus</i> , Daub, Least Bat Dr. Eduard Mefs in Munich Bavaria
731	6	<i>Vesperugo noctula</i> , Daub, Skinning Bat Dr. Edward Mefs in Munich Bavaria
729	7	<i>Vesperus discolor</i> , Natterer, Dr Eduard Mefs in Munich Bavaria
1008	8	<i>Scotophilus carolinensis</i> , Geoff. Carolina Bat Antony Buchly Esq.
996	9	<i>Vespertilio Yumanensis</i> , Allen, the Gila Bat Dr Edward Palmer
997	10	<i>Vespertilio Yumanensis</i> , Allen, the Gila Bat Dr. Edward Palmer
992	11	<i>Vespertilio nitidus</i> , Allen, the California Bat Dr. Edward Palmer
986	12	<i>Synotis townsendii</i> , Wagner, Townsends Bat Dr. Edward Palmer

Crania of Mammals

981	13	<i>Antrozous pallidus</i> , Allen, the pale Bat Dr. Edward Palmer
733	14	<i>Sorex araneus</i> , Schreber, Common Shrew. Dr. Eduard Mefs in Munich Bavaria
232	15	<i>Sorex personatus</i> , Geoff. Masked Shrew Frederic Schaphirt, A, A, Surgeon U, S, A,
734	16	<i>Talpa europaea</i> , Linné, Black Mole * Dr. Eduard Mefs in Munich Bavaria
735	17	<i>Talpa europaea</i> , Linné, Black Mole Dr. Eduard Mefs in Munich Bavaria
178✓	18	<i>Felis concolor</i> , Linné, Panther A, M, M,
179✓	19	<i>Felis concolor</i> , Linné, Panther A, M, M,
828✓	20	<i>Felis concolor</i> , Linné, Panther Dr. Notson, Assist. Surgeon U, S, A,
954✓	21	<i>Felis concolor</i> , Linné, Panther Dr. C. H. Alden, Surgeon U, S, A,
95	22	<i>Felis domesticus</i> , Linné, Common Cat (mas) A, M. Squier, Hosp. Steward U, S, A,
181	23	<i>Felis domesticus</i> , Linné, Common Cat, (mas) A, M, M,
182	24	<i>Felis domesticus</i> , Linné, Common Cat (fem) A, M, M,

183	25	<i>Felis domesticus</i> , Linne', Common Cat (fem) A, M, M,
952	26	<i>Lynx rufus</i> , Raf. Wild Cat Dr. Tilton, Assist. Surgeon U, S, A,
1059	27	<i>Lynx rufus</i> , Raf. Wild Cat B, J, D, Irwin, U, S, A,
1080	28	<i>Lynx fasciatus</i> , Raf. Red Cat Donator unknown
✓ 180	29	<i>Lynx canadensis</i> , Raf. Canada Lynx (fem) A, M, M,
184✓	30	<i>Canis occidentalis</i> , — white & gray Wolf A, M, M,
185✓	31	<i>Canis occidentalis</i> , — white & gray Wolf. A, M, M,
713✓	32	<i>Canis occidentalis</i> , — white & gray Wolf (fem) Dr. B, B, Miles, A, A, Surgeon U, S, A,
714✓	33	<i>Canis occidentalis</i> , — white & gray Wolf, (mas) Dr. B, B, Miles, A, A, Surgeon U, S, A,
186✓	34	<i>Canis latrans</i> , Say, Prairie Wolf A, M, M,
710✓	35	<i>Canis latrans</i> , Say, Prairie Wolf Dr. C, C, Gray, Surgeon U, S, A,
711✓	36	<i>Canis latrans</i> , Say, Prairie Wolf Dr. C, C, Gray, Surgeon U, S, A,

Crania of Mammalia

715✓	37	<i>Canis latrans</i> , Say, Prairie Wolf, (mas) Dr, B, B, Miles, A, A, Surgeon U, S, A,
29	38	<i>Canis familiaris</i> , Linné, Common Dog (mas) Dr, Billings, Assist. Surgeon U, S, A,
35	39	<i>Canis familiaris</i> , Linné, Common Dog, (mas) Freeman R, Gove Esq.
187	40	<i>Canis familiaris</i> , Linné, New Foundland Dog, (fem, A, M, M,
188	41	<i>Canis familiaris</i> , Linné, Bull Dog (fem) A, M, M,
739	42	<i>Canis familiaris</i> , Linné, Dog of the Alps Dr, Eduard Meiss, in Munich Bavaria
189✓	43	<i>Vulpes fulvus</i> , Linné, Red Fox A, M, M,
190✓	44	<i>Vulpes fulvus</i> , Linné, Red Fox A, M, M,
191✓	45	<i>Vulpes fulvus</i> , Linné, Red Fox, A, M, M,
192✓	46	<i>Vulpes fulvus</i> , Linné, Red Fox A, M, M,
193✓	47	<i>Vulpes virginianus</i> , Rich, Gray Fox, A, M, M,
194✓	48	<i>Vulpes virginianus</i> , Rich, Gray Fox A, M, M,

195✓	49	<i>Vulpes virginianus</i> , Rich., Gray Fox A, M, M,
196✓	50	<i>Vulpes virginianus</i> , Rich., Gray Fox A, M, M,
955	51	<i>Vulpes velox</i> , Audubon, Swift Fox Dr Tilton, Assist. Surgeon U, S, A,
725	52	<i>Erinaceus europaeus</i> , Linne, Hedge Hog Dr. Eduard Mefs, in Munich Bavaria
198✓	53	<i>Mustela pennanti</i> , Exl., Black Cat A, M, M,
197✓	54	<i>Mustela americana</i> , Furton, Pine Marten, A, M, M,
957	55	<i>Mustela americana</i> , Furton, Pine Marten Professor S, F, Baird, Smithsonian Inst.
723	56	<i>Mustela martes</i> , Briss., Forrest Mink Dr. Eduard Mefs, in Munich Bavaria
1058✓	57	<i>Putorius noveboracensis</i> , DeKay, White Weasel Dr, J, B, Girard, Assist, Surgeon U, S, A,
199✓	58	<i>Putorius vison</i> , Rich., Brown Mink A, M, M,
595✓	59	<i>Putorius vison</i> , Rich., Brown Mink A, M, M,
724	60✓	<i>Castor putorius</i> , Linne, European Mink, Dr. Eduard Mefs, in Munich Bavaria

Crania of Mammalia

730	61	<i>Foetorius vulgaris</i> , Briss, Field Weasel Dr, Eduard Mefs, in Munich Bavaria
732	62	<i>Foetorius erminea</i> , Linné, Ermin, great Weasel Dr Eduard Mefs in Munich Bavaria
200	63	<i>Gulo luscus</i> , Sabine, Wolverine A, M, M,
201	64	<i>Lutra canadensis</i> , Sabine, American otter A, M, M,
951	65	<i>Lutra canadensis</i> , Sabine, American otter Dr, Tilton, Assist. Surgeon U, S, A,
740	66	<i>Lutra vulgaris</i> , Linné, European otter Dr, Eduard Mefs, in Munich Bavaria
825	67	<i>Mephitis occidentalis</i> , Baird, California Skunk Dr, George A. Otis, Assist Surgeon U, S, A,
202	68	<i>Mephitis mephitis</i> , — Common Skunk A, M, M,
704	69	<i>Mephitis mephitis</i> , — Common Skunk Dr, B, B, Miles, A, A, Surgeon U, S, A,
736	70	<i>Meles taxus</i> , Schreber, European Badger Dr, Eduard Mefs in Munich Bavaria
203	71	<i>Taxidea americana</i> , Waterhouse, America Badger A, M, M,
612	72	<i>Taxidea americana</i> , Waterh, American Badger A, M, M,

834✓	73	<i>Taxidea americana</i> , Waterh., American Badger Dr, Geo. M. Sternberg, Brevet Major U, S, A,
950✓	74	<i>Taxidea americana</i> , Waterh., American Badger Dr, Gilton, Assist, Surgeon U, S, A,
204✓	75	<i>Procyon lotor</i> , Storr. Common Raccoon A, M, M,
613✓	76	<i>Procyon lotor</i> , Storr, Common Raccoon A, W. Ferris, private U, S, A,
1060✓	77	<i>Procyon lotor</i> , Storr, Common Raccoon B, J, D. Irwin, U, S, A,
205✓	78	<i>Ursus horribilis</i> , Ord. Grizzly Bear A, M, M,
672✓	79	<i>Ursus horribilis</i> , Ord, Grizzly Bear Dr. Robert Kirk Stone
1006✓	80	<i>Ursus horribilis</i> , Ord, Grizzly Bear Dr. Kimball, Assist. Surgeon U, S, A,
1043✓	81	<i>Ursus horribilis</i> , Ord, Grizzly Bear (young) Dr. J. Basil Girard, Assist. Surgeon U, S, A,
206✓	82	<i>Ursus americanus</i> , Pallas, Black Bear (mas) A, M, M,
207✓	83	<i>Ursus americanus</i> , Pallas, Black Bear, (fem) A, M, M,
208✓	84	<i>Ursus americanus</i> , Pallas, Black Bear, fem) A, M, M,

Crania of Mammalia

209 ✓	85	<i>Ursus americanus</i> , Pallas, variet. <i>Cinamomeus</i> , Aud. (Young) A, M, M,
210 ✓	86	<i>Ursus americanus</i> , Pallas, Black Bear, Embryo, A, M, M,
211 ✓	87	<i>Ursus maritimus</i> , Linné, Polar Bear A, M, M,
212	88	<i>Didelphys virginianus</i> , Shaw, Opossum A, M, M,
213	89	<i>Didelphys virginianus</i> , Shaw, Opossum A, M, M,
787	90	<i>Didelphys virginianus</i> , Shaw, Opossum Dr Johnson Elliot
945	91	<i>Didelphys virginianus</i> , Shaw, Opossum A, M, M,
869	92	<i>Cavia cobaya</i> , Linné, Guinea Pig (fem) A, M, M,
870	93	<i>Cavia cobaya</i> , Linné, Guinea Pig (fem) A, M, M,
908	94	<i>Cavia cobaya</i> , Linné, Guinea Pig (mas) A, M, M,
909	95	<i>Cavia cobaya</i> , Linné, Guinea Pig (mas) A, M, M,
623	96	<i>Sciurus vulpinus</i> , Gmelin, Southern Fox Squirrel A, K, Ferris U, S, A,

624	97	<i>Sciurus vulpinus</i> , Gmelin, Southern Fox Squirrel A, K, Ferris U, S, A,
214	98	<i>Sciurus cinereus</i> , Linné, Cat-Squirrel A, M, M,
215	99	<i>Sciurus cinereus</i> , Linné, Cat-Squirrel A, M, M,
975	100	<i>Sciurus castaneotus</i> , Bach, Chestnut-backed Squirrel Dr, Edward Palmer
216	101	<i>Sciurus Hudsonicus</i> , Tallas, Red Squirrel A, M, M,
896	102	<i>Pteromys oregonensis</i> , Bach, Oregon-Flying Squirrel Dr, N, E, Whitehead, A, Surgeon U, S, A,
596	103	<i>Tamias striatus</i> , — Chipmunk A, M, M,
974	104	<i>Spermophilus grammurus</i> , Bach, Line-tailed Squirrel, Dr, Edward Palmer
217	105	<i>Cynomys ludovicianus</i> , — Prairie Dog A, M, M,
218	106	<i>Cynomys ludovicianus</i> , — Prairie Dog A, M, M,
835	107	<i>Cynomys ludovicianus</i> , — Prairie Dog Dr, Geo. M, Sternberg, Breo. Major U, S, A,
903	108	<i>Cynomys ludovicianus</i> , — Prairie Dog (mas) Dr, C, H, Alden, Surgeon U, S, A,

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904	109	<i>Cynomys ludovicianus</i> , — Prairie Dog, (fem) Dr. C. H. Alden, Surgeon U. S. A.
219	110	<i>Arctomys monax</i> , Gmelin, Woodchuck A, M, M.
220	111	<i>Castor canadensis</i> , Vuhl, American Beaver A, M, M.
221	112	<i>Castor canadensis</i> , Vuhl, American Beaver A, M, M.
794	113	<i>Castor canadensis</i> , Vuhl, American Beaver Dr. C. C. Gray, Surgeon U. S. A.
822	114	<i>Castor canadensis</i> , Vuhl, American Beaver Dr. W. H. King, Assist. Surgeon U. S. A.
719	115	<i>Geomys bursarius</i> , Rich, Pocket Gopher Dr. B. B. Miles, A. A. Surgeon U. S. A.
827	116	<i>Geomys breviceps</i> , Baird, Short-Headed Gopher Dr. Geo. A. Otis, Assist. Surgeon U. S. A.
1001	117	<i>Thomomys umbrinus</i> , — Sonora Gopher Dr. Edward Palmer
1002	118	<i>Thomomys umbrinus</i> , — Sonora Gopher Dr. Edward Palmer
990	119	? <i>Perognathus parvus</i> , Le Conte, Dr. Edward Palmer
130	120	<i>Mus decumanus</i> , Pallas, Brown Rat (mas) A, M, Squier, Hosp. Steward U. S. A.

222	121	<i>Mus decumanus</i> , Pallas, Brown Rat. A, M, M,
223	122	<i>Mus decumanus</i> , Pallas, Brown Rat. A, M, M,
552	123	<i>Mus decumanus</i> , Pallas, Brown Rat. Frederic Schaphirt, A, A, Surgeon U, S, A,
984	124	<i>Mus tectorum</i> , Savi, Roof Rat. Dr, Edward Palmer
985	125	<i>Mus tectorum</i> , Savi, Roof Rat. Dr, Edward Palmer
225	126	<i>Mus musculus</i> , Linné, Common Mouse. A, M, M,
226	127	<i>Mus musculus</i> , Linné, Common Mouse. A, M, M,
227	128	<i>Mus musculus</i> , Linné, Common Mouse. A, M, M,
597	129	<i>Hesperomys leucopus</i> , Wagner, White footed Mouse. E, F, Schaphirt, Hosp. Steward U, S, A,
224	130	<i>Neotoma floridana</i> , Say, Florida-Wood Rat. A, M, M,
983	131	<i>Neotoma Mexicana</i> , Baird, Mexican-Bush Rat. Dr, Edward Palmer
967	132	<i>Sigmodon berlandieri</i> , Baird, Texas-Cotton Rat. Dr, Edward Palmer

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968	133	<i>Sigmodon berlandieri</i> , Baird, Texas Cotton Rat Dr, Edward Palmer
969	134	<i>Sigmodon berlandieri</i> , Baird, Texas Cotton Rat Dr, Edward Palmer
970	135	<i>Sigmodon berlandieri</i> , Baird, Texas Cotton Rat Dr, Edward Palmer
608	136	<i>Arvicola riparia</i> , Ord, Bank-Mouse Frederic Schaphirt, A, A, Surgeon U, S, A,
1040	137	<i>Arvicola riparia</i> , Ord, Bank Mouse Frederic Schaphirt, A, A, Surgeon U, S, A,
726	138	<i>Arvicola amphibica</i> , Linné, Water-Rat Dr, Eduard Meiss in Munich Bavaria
228	139	<i>Fiber zibethicus</i> , Cuvier, Musk-Rat A, M, M,
229	140	<i>Fiber zibethicus</i> , Cuvier, Musk-Rat A, M, M,
230	141	<i>Fiber zibethicus</i> , Cuvier, Musk-Rat A, M, M,
978	142	<i>Erethizon dorsatus</i> , Cuvier, White-Haired Porcupine Dr, Edward Palmer
231	143	<i>Erethizon epixanthus</i> , Brandt, Yellow-Haired Porcupine A, M, M,
737	144	<i>Lepus timidus</i> , Linné, European Hare Dr, Eduard Meiss in Munich Bavaria

234	145	<i>Lepus cuniculus</i> , Linne', English Rabbit A, M, M,
235	146	<i>Lepus cuniculus</i> , Linne', English Rabbit, A, M, M,
236	147	<i>Lepus cuniculus</i> , Linne', English Rabbit A, M, M,
1023	148	<i>Lepus cuniculus</i> , Linne', English Rabbit W ^m . Gurly Schaphirt
239	149	<i>Lepus americanus</i> , Exl. Northern Rabbit A, M, M,
237	150	<i>Lepus callotis</i> , Wagl. Mule-Rabbit A, M, M,
797	151	<i>Lepus callotis</i> , Wagl. Mule-Rabbit Dr. C, C, Gray, Surgeon U, S, A,
240	152	<i>Lepus Sylvaticus</i> , Bach. Gray Rabbit A, M, M,
241	153	<i>Lepus Sylvaticus</i> , Bach. Gray Rabbit A, M, M,
242	154	<i>Lepus Sylvaticus</i> , Bach. Gray Rabbit A, M, M,
243	155	<i>Lepus Sylvaticus</i> , Bach. Gray Rabbit A, M, M,
972	156	<i>Lepus artemisia</i> , Bach. Sage Rabbit Dr. Edward Palmer

Crania of Mammalia

987	157	<i>Lepus artemisia</i> , Bach, Sage Rabbit (young) Dr. Edward Palmer
988	158	<i>Lepus artemisia</i> , Bach, Sage Rabbit (young) Dr. Edward Palmer
989	159	<i>Lepus artemisia</i> , Bach, Sage Rabbit (young) Dr. Edward Palmer
238	160	<i>Lepus palustris</i> , Bach, Marsh Rabbit A, M, M,
34	161	<i>Equus caballus</i> , Linné, Horse (fem) Frederic Schaphirt, A, A, Surgeon U, S, A,
244	162	<i>Dicotyles torquatus</i> , Cuvier, Mexican-wild Hog A, M, M,
47	163	<i>Sus scrofa</i> , Linné, Common Pig, A, M, Squier, Hosp. Steward, U, S, A,
52	164	<i>Sus scrofa</i> , Linné, Common Pig, Frederic Schaphirt, A, A, Surgeon U, S, A,
245	165	<i>Sus scrofa</i> , Linné, Common Pig, (mas) A, M, M,
246	166	<i>Sus scrofa</i> , Linné, Common Pig, (fem) A, M, M,
247	167	<i>Cervus canadensis</i> , Exl, American Elk, (fem) A, M, M,
1022	168	<i>Cervus canadensis</i> , Exl, American Elk (mas) Dr. J. H. T. King, Assist. Surgeon U, S, A,

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of
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Crania of Mammalia

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1077 169

Cervus canadensis, Erxl, American Elk (mas)
Dr. J. B. Girard, Surgeon U. S. A.

249 170

Cervus virginianus, Boddard, Virginia Deer (mas)
A, M, M,

250 171

Cervus virginianus, Boddard, Virginia Deer, (mas)
A, M, M,

251 172

Cervus virginianus, Boddard, Virginia Deer, (fem)
A, M, M,

622 173

Cervus virginianus, Boddard, Virginia Deer, (mas)
A, M, M,

625 174

Cervus virginianus, Boddard, Virginia Deer, (mas)
A, M, M,

833 175

Cervus leucurus, Douglas, White-tailed Deer, (mas)
Dr. Geo. M. Sternberg, Brev. Major U. S. A.

248 176

Cervus macrotis, Say, Mule-Deer, (mas)
A, M, M,

738 177

Capella rupicapra, Linné, Chamois (mas)
Dr. Eduard Meiss in Munich Bavaria

252 178

Antilocapra americana, Ord, Prong-Horn Antelope
(mas) A, M, M,

253 179

Antilocapra americana, Ord, Prong-Horn Antelope
(fem) A, M, M,

632 180

Antilocapra americana, Ord, Prong-Horn Antelope
(mas) Dr H M Elderry U. S. A.

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633	181	<i>Antilocapra americana</i> , Ord, Prong-Horn Antelope (mas) Dr, H, M Elderry U, S, A,
680	182	<i>Antilocapra americana</i> , Ord, (Hemicephalus with two perfect faces, young) American Antelope Dr, J, F, Weeds, Assist. Surgeon U, S, A,
254	183	<i>Capra hircus</i> , Linné, Common Goat (mas) A, M, M,
255	184	<i>Capra hircus</i> , Linné, Common Goat (mas) A, M, M,
256	185	<i>Capra hircus</i> , Linné, Common Goat (mas, young) A, M, M,
671	186	<i>Ovis montana</i> , Cuvier, Mountain Sheep (mas) Dr, Campbell, A, A, Surgeon U, S, A,
1049	187	<i>Ovis montana</i> , Cuvier, Mountain Sheep (mas) Brev. Lieut. Col, Woodward, M, D, Assist Surgeon U, S, A
1050	188	<i>Antilocapra americana</i> , Ord, Prong-Horn Antelope (mas) Brev, Lieut, Col, J, J, Woodward, M, D, Assist Surgeon U, S, A,
257	189	<i>Ovis aries</i> , Linné, Common Sheep, (mas) A, M, M,
619	190	<i>Ovis aries</i> , Linné, Common Sheep, (fem) A, V, Ferris, U, S, A,
620	191	<i>Ovis aries</i> , Linné, Common Sheep, (fem) A, V, Ferris, U, S, A,
50	192	<i>Bos taurus</i> , Linné, Common Cow, (fem) A, M. Squier, Hosp. Steward U, S, A,

832	193	<i>Bos americanus</i> , Gmelin, Buffalo, (mas) Dr, Geo, M. Sternberg, Brev. Major U, S, A,
959	194	<i>Bos americanus</i> , Gmelin, Buffalo, (mas) Dr, C, H, Alden, Surgeon U, S, A,
956	195	<i>Mephitis mephitis</i> , — Common Skunk. Dr, Tilton, Assist, Surgeon U, S, A,
260	196	<i>Cistophora cristata</i> , Hooded Seal A, M, M,
261	197	<i>Arctocephala Gilliesii</i> , — the eared Seal A, M, M,
262	198	<i>Delphinus delphis</i> , Linné, Common Dolphin A, M, M,
258	199	<i>Phoca barbata</i> , Linné, Seal A, M, M,
259	200	<i>Phoca vitulina</i> , Linné Seal A, M, M,
1048	201	<i>Phoca subata</i> , Linné, Sea Lion Dr, J. A, Tonner, A, A, Surgeon U, S, A,
888	202	<i>Trichecus rosomarus</i> , Linné, Wallops Dr, M ^c Grew,
677	203	<i>Delphinus</i> (maxilla inferior of) Frederic M ^c Guire Esq
1134	204	<i>Scotophilus georgianus</i> , Allen, Georgia Bat Frederic Schaffert A, A, Surgeon U, S, A,

Crania of Mammalia

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|------|-----|---|
| 1148 | 205 | <i>Delphinus clymene</i> , Gray Common Porpoise
Smithsonian Institution |
| 1160 | 206 | <i>Lynx rufus</i> , Raf., Wild-Cat,
Dr. B. E. Fryer, Surgeon U. S. A. |
| 1161 | 207 | <i>Vulpes macrotus</i> , Baird, Prairie Fox
Dr. B. E. Fryer, Surgeon U. S. A. |
| 1191 | 208 | Cranium of <i>Mus musculus</i> , L., a common Mouse,
which, with seven others were found (wrapped up in
Sea-weed) in thoracic and abdominal cavities of an
Peruvian Mummy, Smithsonian Institution |
| 1192 | 209 | <i>Nycticeyus crepuscularis</i> , Allen, Black-Bat,
Frederic Schaphirt, Act. Asst. Surg. U. S. A. |
| 1193 | 210 | <i>Mephitis mephitis</i> , Common Skunk
Dr. J. W. Brewer, Asst. Surgeon U. S. A. |
| 1194 | 211 | <i>Fiber zibethicus</i> , Cuv., Musk-Rat,
Dr. J. W. Brewer, Asst. Surgeon U. S. A. |
| 1200 | 212 | <i>Ursus americanus</i> , Pallas, Black Bear
Mr. Virüger, Hosp. Steward U. S. A. |
| 1208 | 213 | <i>Vesperugo lucifugus</i> , Le Conte, Blunt nosed Bat,
Dr. J. F. Hartigan, Washington D. C. |
| 1235 | 214 | <i>Canis occidentalis</i> , - White & Gray Wolf
Mr. Severance |
| 1236 | 215 | <i>Taxidea americana</i> , Waterh., Missouri Badger
H. P. Yarron M. D. |

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| 1237 | 216 | <i>Geomys bursarius</i> , Rich, Pocket Gopher
H. P. Yarrow M. D. |
| 1238 | 217 | <i>Lepus callotis</i> , Wagler, Jackass Rabbit
H. P. Yarrow M. D. |
| 1239 | 218 | <i>Lepus artemisia</i> , Bach, Sage Hare
H. P. Yarrow M. D. |
| 1240 | 219 | <i>Lepus artemisia</i> , Bach, Sage Hare
Mr. Gilbert |
| 1243 | 220 | <i>Ursus americanus</i> , Pallas, Black Bear,
Dr. A. T. Fitch, A. A. Surgeon U. S. A. |
| 1244 | 221 | <i>Taxidea americana</i> , Waterh. Missouri Badger
Dr. A. T. Fitch, A. A. Surgeon U. S. A. |
| 1257✓ | 222 | Malformed foetal cranium of <i>Antilocapra americana</i>
the maxilla superior is laterally so depressed, that
the alveola borders meet underneath, and have
formed thereby a deep fossa, instead a palate plate,
there was no tongue, and the maxilla inferior
is in the most smallest rudimentary state, ever seen,
Smithsonian Institution |
| 1266 | 223 | <i>Delphinus clymene</i> , Gray Common Porpoise
Smithsonian Institution |
| 1267 | 224 | <i>Delphinus clymene</i> Gray Common Porpoise
Smithsonian Institution |
| 1309 | 225 | <i>Phacochoerus aeliani</i> , Gretz, Wart-Hog
from Abyssinia A. M. M. |

Crania of Mammalia

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| 1312 | 226 | <i>Spermophilus 13 lineatus</i> , Aud, Striped Gopher
Dr. Elliot Coues, Asst, Surgeon U, S, A, |
| 1313 | 227 | <i>Spermophilus 13 lineatus</i> , Aud, Striped Gopher
Dr. Elliot Coues, Asst, Surgeon U, S, A, |
| 1315 ✓ | 228 | <i>Putorius vison</i> , Rich, Brown Mink
Dr. Elliot Coues, Asst, Surgeon U, S, A, |
| 1316 ✓ | 229 | <i>Putorius vison</i> , Rich, Brown Mink
Dr. Elliot Coues, Asst Surgeon, U, S, A, |
| 1317 ✓ | 230 | <i>Fiber zibethicus</i> , Cav. Musk-Rat.
Dr Elliot Coues, Asst, Surgeon U, S, A, |
| 1320 | 231 | Deformed Cranium of a little Pig, <i>Sus scrofa</i> , L.
Dr. W. E. Whitehead, Asst, Surgeon U, S, A, |
| 1323 | 232 | <i>Canis latrans</i> , Say, Prairie-Wolf
Dr. Elliot Coues, Asst, Surgeon U, S, A. |
| 1324 | 233 | <i>Canis latrans</i> , Say, Prairie-Wolf.
Dr. Elliot Coues, Asst Surgeon U, S, A. |
| 1326 | 234 | <i>Taculus hudsonius</i> — Jumping-Mouse
Dr. Elliot Coues, Asst, Surgeon U, S, A, |
| 1328 | 235 | <i>Hesperomys leucopus</i> , Wagner, White-footed Mouse
Dr, Elliot Coues, Asst, Surgeon, U, S, A, |
| 1353 | 236 | <i>Lasiurus noveboracensis</i> , Fomes, Red Bat
Dr. Elliot Coues, Asst, Surgeon, U, S, A, |
| 1358 | 237 | <i>Arctomys flaviventer</i> , Bach, Yellow-footed Marmot
Dr. H. C. Yarrow |

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| 1360 | 238 | <i>Lepus callotis</i> , Wagler, Mule Rabbit
Dr. H. C. Yarrow |
| 1361 | 239 | <i>Tamias quadrivittatus</i> , Rich, Missouri striped Squirrel
Dr. H. C. Yarrow |
| 1380 ✓ | 240 | <i>Ursus americanus</i> , Pallas, Black Bear
Dr. H. C. Yarrow |
| 1381 ✓ | 241 | <i>Ursus americanus</i> , Pallas, Black Bear
Dr. H. C. Yarrow |
| 1382 | 242 | <i>Macacus cynomolgus</i> , , monkey from Africa
Dr. H. C. Yarrow |
| 1383 | 243 | <i>Lynx rufus</i> , Raf, Wild Cat.
Dr. H. C. Yarrow |
| 1384 | 244 | <i>Lepus sylvaticus</i> , Bach, Gray Rabbit
Dr. H. C. Yarrow |
| 1394 | 245 | <i>Cervus macrotis</i> , Say, Mule-Deer
Dr. H. C. Yarrow |
| 1395 | 246 | <i>Cervus leucurus</i> , Douglass, White-tail Deer
Dr. H. C. Yarrow |
| 1396 | 247 | <i>Lynx maculatus</i> , Aud, Texas Wild Cat
Dr. H. C. Yarrow |
| 1398 | 248 | <i>Spermophilus grammurus</i> , Bach, Line-tailed Squirrel
Dr. H. C. Yarrow |
| 1404 | 249 | <i>Arvicola riparia</i> , Ord, Bank-Mouse
Dr. H. C. Yarrow |

Crania of Mammalia

1405	250	<i>Lepus callotis</i> , Wagler, Mule-Rabbit Dr. H. C. Yarrow
1408	251	1408 is not <i>Equus asinus</i> , Dr. Hammond is in mistake, the cranium is of a small mule <i>Equus asinus</i> = <i>caballus</i> , Schaffhirt
1412	252	<i>Felis onca</i> , Linne, Jaguar, Mexican Tiger General Clitz, Austin Texas
1417	253	<i>Canis occidentalis</i> , White & Gray Wolf Dr. Elliot Coues, Asst, Surgeon U. S. A.
1418	254	<i>Canis occidentalis</i> , White & Gray Wolf Dr. Elliot Coues, Asst, Surgeon U. S. A.
1419	255	<i>Taxidea americana</i> , Waterh, Missouri Badger Dr. Elliot Coues, Asst, Surgeon U. S. A.
1420	256	<i>Spermophilus</i> Dr. Elliot Coues, Asst, Surgeon, U. S. A.
1421	257	<i>Fiber zibethicus</i> , Cuv, Musk-Rat Dr. Elliot Coues, Asst Surgeon U. S. A.
1422	258	<i>Ovis montana</i> , Cuv, Mountain Sheep, Dr. Elliot Coues, Asst, Surgeon U. S. A.
1433	259	<i>Spermophilus richardsonii</i> , Yellow Gopher Dr. Elliot Coues, Asst. Surgeon U. S. A.
1525	260	<i>Cervus canadensis</i> , Exrl, American Elk Dr. J. V. D. Middleton Asst. Surg, U. S. A.
1537	261	<i>Cervus canadensis</i> , Exrl, American Elk General O. D. Green, Adyt. General's Department

Crania of Mammalia

1405	250	<i>Lepus callotis</i> , Wagler, Mule-Rabbit Dr. H. C. Yarrow
1408	251	<i>Equus asinus</i> , Linné, Common Ass, (mas) Dr. L. F. Hammond, Surgeon U. S. A.
1412	252	<i>Felis onca</i> , Linne, Jaguar, Mexican Tiger General Clitz, Austin Texas
1417	253	<i>Canis occidentalis</i> , White & Gray Wolf Dr. Elliot Coues, Asst, Surgeon U. S. A.
1418	254	<i>Canis occidentalis</i> , White & Gray Wolf Dr. Elliot Coues, Asst, Surgeon U. S. A.
1419	255	<i>Taxidea americana</i> , Waterh, Missouri Badger Dr. Elliot Coues, Asst, Surgeon U. S. A.
1420	256	<i>Spermophilus</i> Dr. Elliot Coues, Asst, Surgeon, U. S. A.
1421	257	<i>Fiber zibethicus</i> , Cuv, Musk-Rat Dr. Elliot Coues, Asst Surgeon U. S. A.
1422	258	<i>Ovis montana</i> , Cuv, Mountain Sheep, Dr. Elliot Coues, Asst, Surgeon U. S. A.
1433	259	<i>Spermophilus richardsonii</i> , Yellow Gopher Dr. Elliot Coues, Asst. Surgeon U. S. A.
1525	260	<i>Cervus canadensis</i> , Erxl, American Elk Dr. J. V. D. Middleton Asst. Surg. U. S. A.
1537	261	<i>Cervus canadensis</i> , Erxl, American Elk General O. D. Green, Adyt. General's Department

- 1546 262 *Vulpes littoralis*, Baird, Island Fox,
H. W. Henshaw, U. S. Coast Survey
- 1547 263 *Spermophilus beecheyi*, Rich, California Ground Squirrel
H. W. Henshaw, U. S. Coast Survey
- 1548 264 *Spermophilus beecheyi*, Rich, California Ground Squirrel
H. W. Henshaw, U. S. Coast Survey
- 1549 265 *Spermophilus lateralis*, Rich, Say's Striped Squirrel
H. W. Henshaw, U. S. Coast Survey
- 1550 266 *Sciurus douglassii*, Bach, Oregon - Red Squirrel
H. W. Henshaw, U. S. Coast Survey
- 1551 267 *Thomomys umbrinus*, Sonora Gopher
H. W. Henshaw, U. S. Coast Survey
- 1554 268 *Phocaena americana*, Agass, the puffing Pig
W. H. Dall Esq.
- 1573 269 *Hesperomys leucopus*, Wag, white-footed mouse
George M. Wheeler, Lieut. of Engineers
- 1574 270 *Reithrodon longicauda*, Baird, the long-tailed mouse
George M. Wheeler, Lieut. of Engineers
- 1667 271 *Tamias quadrivittatus*, Rich, Missouri striped Squirrel
Dr. Elliot Coues, Asst. Surgeon U. S. A.
- 1669 272 *Lepus campestris*, Bach, Prairie Hare
Dr. Elliot Coues, Asst. Surgeon, U. S. A.
- 1670 273 *Lepus campestris*, Bach, Prairie Hare
Dr. Elliot Coues, Asst. Surgeon, U. S. A.

Cranium of Mammalia

- 1680 274 ✓ *Erethizon epixanthus*, Brandt, Yellow haired Porcupine
Dr. Elliot Coues, Assist, Surgeon U. S. A.
- 1686 275 ✓ *Spermophilus 13 lineatus*, Aud., Striped Gopher
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- ~~1687~~ 1687 276 ✓ *Tamias quadrivittatus*, Rich, Missouri Striped Squirrel
Dr. Elliot Coues, Asst, Surg. U. S. A.
- ~~1700~~ 1700 277 ✓ *Perognathus hispidus*, Baird,
Dr. Ew. McChesney, A. A., Surgeon U. S. A.
- 1706 278 ✓ *Perognathus hispidus*, Baird
Dr. Ew. McChesney A. A., Surgeon U. S. A.
- 1707 279 ✓ *Zapus hudsonicus*, C., Jumping Mouse
Dr. Ew. McChesney, A. A., Surgeon U. S. A.
- 1708 280 ✓ *Hesperomys leucopus*, Wagner, White footed mouse
Dr. Ew. McChesney, A. A., Surgeon U. S. A.
- 1710 281 ✓ *Arvicola rufidorsum*, Baird
Dr. Ew. McChesney, A. A., Surgeon U. S. A.
- 2056 282 ✓ *Arctomys monax*, Gmel, with remarkable growth of the
incisor teeth, Dr. E. McLellan, U. S. A.
- 2064 283 ✓ *Geomys bursarius*, Shaw, Pouched Gopher, Ft. Sisseton
Dr. Ed. McChesney, A. A., Surgeon U. S. A.
- 2065 284 ✓ *Geomys bursarius*, Shaw, Pouched Gopher, Ft. Sisseton
Dr. Ed. McChesney, A. A., Surgeon U. S. A.
- 2069 285 ✓ *Eutamias gapperi*, Vigors, Gappers Field-Mouse, Ft. Sisseton
February 14th 1877, Dr. Ed. McChesney A. A., Surg U. S. A.

2070	286✓	<i>Eutamias gapperi</i> , Vigors, Gappers Field Mouse, Ft. Sisseton, March 15 th 1877, Dr. Ed. M'Chesney, A.A. Surg. U.S.A.
2071	287✓	<i>Eutamias gapperi</i> , Vigors, Gappers Field Mouse, Ft. Sisseton, March 15 th 1877, Dr. Ed. M'Chesney A.A. Surg. U.S.A.
2072	288✓	<i>Eutamias gapperi</i> , Vigors, Gappers Field Mouse Ft. Sisseton, April 2 nd 1877, Dr. Ed. M'Chesney A.A. Surg. U.S.A.
2077	289✓	<i>Procyon lotor</i> , Storr, Common Raccoon, Camp Supply January 30 th 1878, Dr. P.E. Wilcox, Ast. Surgeon U.S.A.
2084	290✓	<i>Mephitis mephitis</i> , — common skunk Camp Supply January 30 th 1878, Dr. P.E. Wilcox, Ast. Surgeon U.S.A.
2086	291✓	<i>Arvicola riparia</i> , Ord, Field Mouse, Camp Supply January 30 th 1878, Dr. P.E. Wilcox Ast. Surgeon U.S.A.
2088	292✓	<i>Putorius longicauda</i> , Rich, Ft. Sisseton, May 2 nd 1877, Dr. Ed. M'Chesney A.A. Surgeon U.S.A.
2094	293✓	<i>Lepus townsendii</i> , Baird, Goose Lake, Cal ^o Sept 1 st 1877, Lt. Wheelers exploration, H.W. Henshaw
2111	294✓	<i>Neotoma cinerea</i> , — Honey Lake July 1877, Lt. wheelers exploration, H.W. Henshaw
2126	295✓	<i>Spermophilus townsendii</i> , Bach, Eagle Lake Cal ^o July 1 st 1877, Lt. wheelers exploration, H.W. Henshaw
2127	296✓	<i>Tatusia septem-cinctus</i> , Linné, Armadilla, Ft. Brown Texas February 20 th 1878, Dr. James C. Merrill, Ast. Surg. U.S.A.
2133	297✓	<i>Arvicola auctera</i> , Leconte, Prairie Mouse, Ft. Sisseton March 28 th 1877, Dr. C. Ed. M'Chesney, A.A. Surg. U.S.A.

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| 2134 | 298✓ | <i>Arvicola austera</i> , Leconte, Prairie Mouse, Ft. Sisseton
March 28 th 1877, Dr. C. Ed. M'Chesney A. A. Surgeon U. S. A. |
| 2136 | 299✓ | <i>Zapus hudsonius</i> , Coles, Jumping Mouse, Ft. Sisseton
Sept. 21 st 1877, Dr. C. Ed. M'Chesney A. A. Surgeon U. S. A. |
| 2137 | 300✓ | <i>Zapus hudsonius</i> , Coles, Jumping Mouse, Ft. Sisseton, Sept 11 th
1877, Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A. |
| 2138 | 301✓ | <i>Neotomomys leucogaster</i> , — Minnow Mouse, Ft. Sisseton, June 10 th
1877, Dr. C. Ed. M'Chesney, A. A. Surgeon, U. S. A. |
| 2139 | 302✓ | <i>Tamias striatus</i> , — Chipmunk, (fem) Ft. Sisseton, April 3 rd
1877, Dr. C. Ed. M'Chesney A. A. Surgeon U. S. A. |
| 2142 | 303✓ | <i>Blarina brevicauda</i> , Gray, Short tailed, Shrew, Ft. Sisseton, Dec 18 th
1877, Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A. |
| 2143 | 304✓ | <i>Blarina brevicauda</i> , Gray, Short, tailed Shrew, Ft. Sisseton, Dec,
10 th 1877, Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A. |
| 2145 | 305✓ | <i>Spermophilus franklinii</i> , Rich, Ft. Sisseton, June 21 st 1877
Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A. |
| 2147 | 306✓ | <i>Spermophilus franklinii</i> , Rich, Ft. Sisseton, August 16 th 1877
Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A. |
| 2148 | 307✓ | <i>Spermophilus franklinii</i> , Rich, Ft. Sisseton, August 23 rd 1877
Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A. |
| 2149 | 308✓ | <i>Spermophilus franklinii</i> , Rich, Ft. Sisseton, May 18 th 1877
Dr. C. Ed. M'Chesney, A. A. Surgeon, U. S. A. |
| 2151 | 309✓ | <i>Arvicola austera</i> , Leconte, Ft. Sisseton, Oct. 26 th 1877
(♂) Dr. C. Ed. M'Chesney, A. A. Surgeon U. S. A. |

- 2152 310 ✓ *Aroicola austera*, Leconte, Ft. Sisseton, Del, 26th 1877 (♂)
Dr. C. Ed. McChesney, A. A. Surgeon U. S. A.
- 2154 311 ✓ *Neotoma floridana*, Say, Wood-Rat, Camp Supply April 6th 1878
Amos Chapman (Scout) U. S. A.
- 2155 312 ✓ *Scalops argentatus*, Aud, Silvery mole, Camp Supply August 1878
Dr. F. H. Atkins A. A. Surgeon U. S. A.
- 2157 313 ✓ *Neotoma mexicana*, Baird, Mexican-Rash Rat, ~~Camp Supply~~
October 23rd 1877, ~~Dr. J. E. Wilcox, Asst. Surgeon U. S. A.,~~
Ft. Brown, Dr. James C. Merrill, Asst Surgeon U. S. A.
- 2158 314 ✓ *Cynomys gunnisonii*, Baird, Short-tailed prairie Dog, Camp
Supply, Sept, 8th 1877, I. Kitching, Hosp. Steward U. S. A.
- 2160 315 ✓ *Spermophilus mexicanus*, Wagner, Mexican ground squirrel, ~~camp~~
~~Supply, Sept, 1877~~ Dr. J. E. Wilcox, Asst. Surgeon U. S. A.
Jas. C. Merrill
- 2161 316 ✓ *Spermophilus mexicanus*, Wagner, Mexican ground Squirrel, Ft. Brown,
Texas, Sept. 9th 1877, Dr. James C. Merrill Asst. Surgeon U. S. A.
- 2162 317 ✓ *Spermophilus mexicanus*, Wagner, Mexican ground Squirrel, Ft. Brown,
Texas, Sept, 23rd 1877, Dr. James C. Merrill Asst. Surgeon U. S. A.
- 2163 318 ✓ *Spermophilus mexicanus*, Wagner, Mexican ground Squirrel, Ft. Brown
Texas, August 1st 1877, Dr. James C. Merrill Asst Surgeon U. S. A.
- 2166 319 ✓ *Sorex cooperii*, Bach. Coopers Shrew, Ft. Sisseton, May 1877
Dr. C. Ed. McChesney A. A. Surgeon U. S. A.
- 2167 320 ✓ *Sorex cooperii*, Bach. Coopers Shrew, Ft. Sisseton May 1877
Dr. C. Ed. McChesney, A. A. Surgeon U. S. A.
- 2168 321 ✓ *Sorex cooperii*, Bach. Coopers Shrew, Ft. Sisseton, May 1877
Dr. C. Ed. McChesney A. A. Surgeon U. S. A.

2169	322 ✓	<i>Sorex cooperii</i> , Bach, Coopers Shrew, Ft. Sisseton, May 1877 Dr. C. Ed. McChesney, A. A. Surgeon U. S. A.
2182	323 ✓	<i>Sorex pachyurus</i> , Baird, Thick-tailed Shrew, Ft. Sisseton, March 5 th 1878 Dr. C. E. McChesney A. A. Surgeon U. S. A.
2183	324 ✓	<i>Sorex pachyurus</i> , Baird, Thick-tailed Shrew, Ft. Sisseton, March 5 th 1878 Dr. C. E. McChesney A. A. Surgeon U. S. A.
2192	325	Seal July 1878, Ft. Townsend, Dr. T. T. Minor, Act. Asst. Surgeon U. S. A.
2221	326 ✓	Cran of a foetal calf, (<i>Bostaurus</i> L.) four months old April 1 st 1879, Dr R. H. White, Act Asst. Surgeon U. S. A.
2223	327 ✓	<i>Arvicola townsendii</i> , Bach, Oregon July 1878, Lieut. George M. Wheeler U. S. A.
2224	328 ✓	<i>Antrozous pallidus</i> , Allen, Arizona Sept, 1878. Lieut. George M. Wheeler U. S. A.
2231	329 ✓	<i>Antrozous pallidus</i> , Allen, fort Davis Texas, July 1878. W ^m , Fred. von Manteufel, Hosp. Steward U. S. A.
2232	330 ✓	<i>Antrozous pallidus</i> , Allen, fort Davis Texas, July 1878. W ^m , Fred. von Manteufel Hosp. Steward U. S. A.
2234	331 ✓	<i>Spermophilus harrisi</i> , Aud. Mohawa Desert, May 1878 Lieut. George M. Wheeler U. S. A.
2235	332 ✓	<i>Lepus audubonii</i> , Baird, St. Barbara Cal June 1878 Lieut. George M. Wheeler U. S. A.
2240	333 ✓	<i>Ursus horribilis</i> , ord. Grizzly Bear, Montana June 21 st 1879 Dr. Paul R. Brown Asst. Surgeon U. S. A.

- 2241 334 ✓ *Cervus columbianus*, Rich. Columbia-black-tail Deer, Montana June 21st 1879, Dr. Paul, R. Brown, Asst. Surgeon U. S. A.
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- 2244 335 ✓ Fort Grant, Arizona
June 26th 1879, C. H. Campbell, Capt. 6th Cavalry U. S. A.
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- 2259 336 ✓ *Ovis montana*, Cuvier, Fort Garland, Colorado June 8th 1879, Emil Wagner Hosp. Steward U. S. A.
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- 2381 337 ✓ *Nyctinomys nasutus*, Tomes, Fort Duncan, Texas
Oct 29th 1879, Dr. C. B. Byrne, Asst. Surgeon U. S. A.
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- 2385 338 ✓ Malformed cranium of a young *Sus scrofa*, L. Smyrna Tenn. March 10th 1880, H. J. Warmuth M. D.
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- 2390 339 ✓ cranium of *Lepus campestris*, Bach, Fort Shaw, M. T. April 30 1880, Dr. James C. Merrill, Asst. Surgeon U. S. A.
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- 2393 340 ✓ A perfect double headed Calfshead, Fort Shaw, M. T. April 30 1880, Dr. James C. Merrill Asst. Surgeon U. S. A.
-
- 2474 341 ✓ *Thomomys talpoides umbrinus* (Rich.) Cores
Fort Grant Arizona Tg. April 27, 1883
J. B. Girard

General Number	Number of Division	
30 ✓	1	Os Penis of <i>Canis familiaris</i> , Linné, Common Dog Dr. Billings, Assist. Surgeon U. S. A,
100 ✓	2	Os Penis of <i>Vulpes fulvus</i> , Linné, Red Fox Frederic Schaphert, A. A, Surgeon U. S. A,
625 ✓	3	Os Penis of <i>Procyon lotor</i> , Storr, Common Raccoon A. V. Ferris, U. S. A,
1065 ✓	4	Os Penis of <i>Procyon lotor</i> , Storr, Common Raccoon St. Remington, Capt, 19 th Infant, U. S. A,
948 ✓	5	Os Penis of <i>Trichecus rosomarus</i> , - Wallops Dr. J. E. Bailey, Surgeon U. S. A,
159 ✓	6	Costa bifida of <i>Bos americanus</i> , Gmelin, Buffalo Smithsonian Institution
160 ✓	7	Costa furcata of <i>Bos americanus</i> , Gmelin, Buffalo Smithsonian Institution
176 ✓	8	Hand of <i>Ursus horribilis</i> , Ord, Grizzly Bear A. M. M.
177 ✓	9	Foot of <i>Ursus horribilis</i> , Ord, Grizzly Bear A. M. M.
676 ✓	10	Calvarium with Horns of <i>Cervus canadensis</i> , Elk Dr. Cooper McKee, Surgeon U. S. A,
687 ✓	11	Ossicula auditus, of a Horse, <i>Equus caballus</i> L Dr. Brailey, Vet. Surgeon U. S. A,
688 ✓	12	Super numerary Bones of Carpal articulation of a Horse, Dr. Brailey, Vet. Surgeon U. S. A,

Miscellaneous Specimens of Mammalia

744✓	13	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 5 years, Dr. Brailey, Surgeon U.S.A,
745✓	14	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 6 years, Dr. Brailey, Vet. Surgeon U.S.A,
746✓	15	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 8 years, Dr. Brailey, Vet. Surgeon U.S.A,
747✓	16	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 9 years, Dr. Brailey, Vet. Surgeon U.S.A,
748✓	17	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 10 years, Dr. Brailey, Vet. Surgeon U.S.A,
749✓	18	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 11 years, Dr. Brailey, Vet. Surgeon U.S.A,
750✓	19	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 12 years, Dr. Brailey, Vet. Surgeon U.S.A,
751✓	20	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 16 years, Dr. Brailey, Vet. Surgeon U.S.A,
752✓	21	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 18 years, Dr. Brailey, Vet. Surgeon U.S.A,
753✓	22	Anterior parts of maxillae of a Horse, exhibiting teeth at the age of 30 years, Dr. Brailey, Vet. Surgeon U.S.A,
754✓	23	Left carpal articulation of a Horse (Ligamentous) Dr. Brailey, Vet. Surgeon U.S.A,
755✓	24	Anterior phalanges of a Mule, with lateral and true Cartilages of the Heel, Dr. Brailey, Vet. Surgeon U.S.A,

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| 756✓ | 25 | Anterior phalanges of a Horse, (Ligamentous preparation)
Dr, Brailey, Vet, Surgeon U, S, A, |
| 757✓ | 26 | Anterior phalanges of a Horse, (Ligamentous preparation)
Dr, Brailey, Vet, Surgeon, U, S, A, |
| 758✓ | 27 | Anterior phalanges of a Horse, articulated with Gummy
elasticum, Dr, Brailey, Vet, Surgeon U, S, A, |
| 759✓ | 28 | Posterior phalanges of a Horse, articulated with Gummy
elasticum, Dr, Brailey, Vet, Surgeon U, S, A, |
| 760✓ | 29 | Anterior phalanges of a Horse, Ligamentous preparation.
Dr, Brailey, Vet, Surgeon U, S, A, |
| 761✓ | 30 | Posterior phalanges of a Horse, Ligamentous preparation.
Dr, Brailey, Vet, Surgeon U, S, A, |
| 762✓ | 31 | Posterior phalanges of a Horse, Ligamentous preparation.
Dr, Brailey, Vet, Surgeon U, S, A, |
| 763✓ | 32 | Internal, or laminated structure of the Nail, or Horny
Hoof of a Horse, Dr, Brailey, Vet, Surgeon U, S, A, |
| 764✓ | 33 | Two Nails, or Hoofs of a Mule, exhibiting the lami-
nated structure, Dr, Brailey, Vet, Surgeon U, S, A, |
| 765✓ | 34 | Vertical Sections of Nail, or Hoof, exhibiting thickness
of wall and Sole, Dr, Brailey, Vet, Surgeon U, S, A, |
| 766✓ | 35 | Vertical Sections of Nail, or Hoof, of a Mule, exhibiting
thickness of wall and Sole, Dr, Brailey, Vet, Surgeon, U, S, A, |
| 767✓ | 36 | Cranial Vertebrae of <i>Canis familiaris</i> , Dog.
Frederic Schaphert, A, A, Surgeon U, S, A, |

Miscellaneous Specimens of Mammalia

906✓	37	Cranial vertebrae of <i>Sus scrofa</i> , L, Common Pig. Frederic Schaphirt, A, A, Surgeon U, S, A,
769✓	38	Vertical section of os temporum of a Horse Dr. Brailey, Vet. Surgeon U, S, A,
770✓	39	Right and Left os temporum of a Horse Dr. Brailey, Vet Surgeon U, S, A,
771✓	40	Four sound Hoofs of a Horse, which has been subjected to the process of shoeing for several years, a form of Hoof remarkable for its durability. Dr. Brailey, Vet, Surgeon U, S, A,
772✓	41	A sound Hoof of a Horse, which has been properly shod for several years, Dr. Brailey, Vet, Surgeon U, S, A,
773✓	42	Four sound Hoofs of a Horse four years old, the Hoofs are in normal condition, and never been shod, Dr. Brailey, Vet, Surgeon U, S, A,
774✓	43	An anterior, and posterior Hoof of a Horse two years old and properly shod, Dr. Brailey, vet, Surgeon U, S, A,
775✓	44	Inorganic frog (inter ungual Cartilage) of a Horse Dr. Brailey, vet, Surgeon U, S, A,
776✓	45	Hoofs of <i>Bos taurus</i> , Linné, Common Cow. Dr. Brailey, vet, Surgeon U, S, A,
777✓	46	Ligamentous preparation of left tarsus and metatarsus of a Horse, Dr. Brailey, vet, Surgeon, U, S, A,
778✓	47	Metacarpus and Phalanges with Ligaments, flexor, and extensor tendons, of a Horse. Dr. Brailey, Vet Surgeon, U, S, A,

General Number	Number of Division	
779✓	48	Ligamentous preparation of a foot (of a Horse) with flexor and extensor tendons, Dr, Brailey, Vet, Surgeon U, S, A,
780✓	49	Ligamentous preparation of right carpus et meta carpus of a Horse, Dr, Brailey, Vet, Surgeon U, S, A,
781✓	50	Ligamentous preparation of left tarsus of a Horse Dr, Brailey, Vet, Surgeon U, S, A,
782✓	51	Ligamentous preparation of left carpal articulation of a Horse, Dr, Brailey, ^{Vet} Surgeon U, S, A,
783✓	52	Nail phalanges with Cartilagenous Hoof of a Horse Dr, Brailey, ^{Vet} Surgeon U, S, A,
784✓	53	Nail phalanges, or bony Hoofs in Sections, showing the internal structure of the same Dr, Brailey, ^{Vet} Surgeon U S A
785✓	54	Cartelagenous Sole of the Hoof of a Horse Dr, Brailey, Vet Surgeon U, S, A,
786✓	55	Anterior parts of maxillae of a Horse, exhibiting the alveolae for incisor teeth, Dr, Brailey, Vet, Surg. U, S, A,
792✓	56	Maxilla superior et inferior (of a Pig) exhibiting dentation, Frederic Schafhirt, A, A, Surgeon U, S, A,
798✓	57	Right posterior foot of a Horse (articulated) Frederic Schafhirt, A, A, Surgeon U, S, A,
799✓	58	Right anterior foot of a Horse (articulated) Frederic Schafhirt, A, A, Surgeon U, S, A,

Miscellaneous Specimens of Mammalia

889 ✓	59	Right front foot (Ligamentous) of a Pig (<i>Sus scrofa</i> L. A, M, M,
890 ✓	60	Left hind foot (Ligamentous) of a Pig (<i>Sus scrofa</i> L. A, M, M,
813 ✓	61	Left anterior extremity of a Horse, articulated with Gummy elasticum, Dr, Brailey, Vet, Surgeon U, S, A,
814 ✓	62	Left posterior extremity of a Horse, articulated with Gummy elasticum, Dr, Brailey, Vet, Surgeon U, S, A,
910 ✓	63	Calvarium of <i>Antilocapra americana</i> , Ord, American Antelope, exhibiting the Shedding of Horns, which never takes place before the new Horns have developed themselves so far, as to be hard enough to be exposed to the air, Dr, Geo, A, Otis, Assist, Surgeon U, S, A,
1007 ✓	64	Ligamentous Pelvis of <i>Ursus horribilis</i> , Ord, Grizzly Bear. Dr. Kimball, Assist, Surgeon U, S, A,
1017	65	Left Gland of <i>Homoïdos aethiopicus</i> , Schaph. Negro man with eight ossa sessamoidea, Frederic Schaphirt, A, A, Surgeon U, S, A,
1056 ✓	66	Os hyoideum of <i>Callorhinus ursinus</i> , Gray, Fur Seal Dr, J, A, Tonner, A, A, Surgeon U, S, A,
1083 ✓	67	Os hyoideum of <i>Canis latrans</i> , Say, Prairie Wolf Frederic Schaphirt A, A, Surgeon U, S, A,
22 ✓	68	Oviduct with three Embryos of <i>Felis domesticus</i> , L, Frederic Schaphirt, A, A, Surgeon U, S, A,
72 ✓	69	Uterus with appendages of <i>Canis familiaris</i> , Linneé Frederic Schaphirt, A, A, Surgeon U, S, A,

General
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- | | | |
|-------|----|--|
| 121 ✓ | 70 | Encephalon of <i>Lepus sylvaticus</i> , Bach, Gray Rabbit
(mas) A, M, M, |
| 122 ✓ | 71 | Encephalon of <i>Sciurus carolinensis</i> , Gmelis,
Gray Squirrel, (fem) A, M, M, |
| 128 ✓ | 72 | Encephalon of <i>Ovis aries</i> , Linne', Common Sheep
(fem) Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 581 ✓ | 73 | Embryo of a Sheep, two months old
Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 685 ✓ | 74 | Embryo of <i>Cervus virginianus</i> , Boddard, about six weeks
old, Dr, C, C, Gray, Surgeon U, S, A, |
| 689 ✓ | 75 | Arteries, veins, flexor and extensor tendons inserted
to the Cartelagenous Hoof of a Horse, after the removal
of all the Bones, Dr, Brailey, Vet, Surgeon U, S, A, |
| 690 ✓ | 76 | Cartelagenous Hoof of a Horse
Dr, Brailey, Vet, Surgeon U, S, A, |
| 691 ✓ | 77 | Two Horse feet exhibiting the laminated (Sensitive)
folds in healthy condition, Dr, Brailey, Vet, Surg, U, S, A, |
| 692 ✓ | 78 | Vertical sections of phalanges of a Horse (Ligamentous
preparation) Dr, Brailey, Vet, Surgeon U, S, A, |
| 693 ✓ | 79 | Right carpus of a Horse, exhibiting tendons,
Arteries, veins, and Ligaments,
Dr, Brailey, Vet, Surgeon U, S, A, |
| 694 ✓ | 80 | A, Horses foot, after removing all the Skin,
Dr, Brailey, Vet, Surgeon, U, S, A, |
| 695 ✓ | 81 | Front and hind foot of a Horse in Vertical Sections
Dr, Brailey, Vet, Surgeon, U, S, A, |

Miscellaneous Specimens of Mammalia

696✓	82	Two feet of a Horse, exhibiting the laminated (Sensitive) folds, coronary border, and glandular Systeme of Hoof in healthy condition Dr, Brailey, Vet, Surgeon U, S, A,
721✓	83	Embryo of <i>Cervus canadensis</i> , about six weeks old D, J, L, Kimball, Assist, Surgeon U, S, A,
579✓	84	Monstrous Pig with partly two faces Donator unknown
791✓	85	Incomplete double headed Pig (Monstrosity) Donator unknown
808✓	86	Lower part of anterior extremity of a Horse, after removing Skin and hoof, Dr, Brailey, Vet, Surg, U, S, A,
816✓	87	Tubercles of bronchial glands and Pleura, of a Cow, Dr, Gambel
841✓	88	Generative organs of a male Pig, <i>Sus Scrofa</i> , L, Georgetown College
873✓	89	Cecum with portions of Ileum and Colon, exhibiting the large developement of vermiform process, which is six inches in length, and $1\frac{1}{4}$ inches in diameter, of <i>Cavia Cobaya</i> , L, Guinea Pig Frederic Schaphirt, A, A, Surgeon U, S, A,
953✓	90	Five Embryos of <i>Castor canadensis</i> , American Beaver Dr, Tilton, Assist, Surgeon U, S, A,
1041✓	91	Fumigating glands of <i>Mephitis mephitis</i> , Common Skunk Donator unknown
1045✓	92	Embryo in Utero of <i>Procca Subata</i> , L, Sea Lion Dr, J, A, Tonner, A, A, Surgeon U, S, A,

General Number	Number of Division	
1046✓	93	Embryo of <i>Phoca Pubata</i> , Linné, Sea Lion Dr, J, A, Tonner, A, A, Surgeon U, S, A,
1047✓	94	Embryo of <i>Phoca Pubata</i> , Linné, Sea Lion, Dr, J, A, Tonner, A, A, Surgeon U, S, A,
605✓	95	Molar tooth of a fossil Elephant, found in Texas by Dr. R, Sharpe, presented to Smithsonian Inst
636✓	96	Calculus, found in Stomach of a Horse, the nucleus of this Stone formed around a Nail, swallowed by the Horse Smithsonian Institution
637✓	97	Hairball, found in Stomach of a Horse, Smithsonian Institution
638✓	98	Hairball, found in Stomach of an Ox Smithsonian Institution
639✓	99	Hairball, found in Stomach of a Cow Smithsonian Institution
640✓	100	A piece of tanned Hide of Rhinoceros Smithsonian Institution
641✓	101	Calculus, found in Stomach of a Horse, the nucleus of this Stone is a small pebble, swallowed by the Horse, Smithsonian Institution
642✓	102	Calculus, found in Stomach of a Horse, Smithsonian Institution
646✓	103	Calculus, found in Stomach of a Horse Dr, Herman Bache
647✓	104	Calculus found in Stomach of a Horse Dr, Herman Bache

Miscellaneous Specimens of Mammalia

648 ✓	105	Calculus found in stomach of a Horse Dr. Herman Bache
649 ✓	106	Hairball found in stomach of a Horse Dr. Herman Bache
650 ✓	107	Hairball found in stomach of a Cow Dr. Herman Bache
651 ✓	108	Hairball found in stomach of a Cow Dr. Herman Bache
656 ✓	109	Vertebra of a petrified whale, presented to the Smithsonian by Dr. G. A. Otis, A. Surg U. S. A.
657 ✓	110	Humerus of a petrified whale, presented to the Smithsonian by Dr. G. A. Otis, A. Surg U. S. A.
658 ✓	111	Rib of a petrified whale presented to the Smithsonian by Dr. G. A. Otis, A. Surgeon
660 ✓	112	Calculus found in stomach of a Whale University of Virginia
661 ✓	113	Calculus found in stomach of a Horse University of Virginia
670 ✓	114	Two petrified molar teeth from maxilla inferior of an Ox, Dr. M. Bloomfield
678 ✓	115	Fossil molar tooth of Mastodon giganteus Frederic Mc Guire
697 ✓	116	Hairball, found in stomach of a Steer Dr. B. B. Miles, A. A. Surgeon U. S. A.

Miscellaneous Specimens of Mammalia

General
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| 698 | 117 | Hairball, found in Stomach of a Steer
Dr. B. B. Miles, A. A. Surgeon U. S. A. |
| 699 | 118 | Hairball, found in Stomach of a Steer
Dr. B. B. Miles, A. A. Surgeon U. S. A. |
| 810 | 119 | Intestinal Calculus of a Horse, removed by
Dr. Zachariah V. Turdy, Vet. Surgeon |
| 804 | 120 | Biliary Calculus of Bos taurus, Common Cow
Dr. Edward Palmer, A. A. Surgeon U. S. A. |
| 805 | 121 | Calculus, found in stomach of Camelus dromedarius,
the nucleus of this calculus is a pebble
Columbia College. |
| 1068 | 122 | Hairball, found in Stomach of Bos taurus (mas)
Dr. Notson, Assist. Surgeon U. S. A. |
| 645 | 123 | Calculus, found in Stomach of a Horse
Dr. Herman Boche |
| 1176 | 124 | a double Vitten, two bodies, eight Legs, but one Head
Smithsonian Institution |
| 1177 | 125 | Organs of Respiration and Circulation of a domestic Cat
Smithsonian Institution |
| 1178 | 126 | a double Pig, two bodies, eight Legs, but one Head
Smithsonian Institution |
| 1181 | 127 | a Hairball, found in Stomach of Cervus canadensis; Elk
Smithsonian Institution |
| 1184 | 128 | Penis of a Whale.
Dr. Irving J. Ross, A. A. Surg. U. S. A. |

- 1189 ✓ 129 Foot of a common Pig (*Sus scrofa*) with seven toes
Smithsonian Institution
- 1195 ✓ 130 Os hyoideum of *Bos americanus*, Buffalo
Dr. J. W. Brewer, Asst. Surgeon U. S. A.
- 1209 ✓ 131 Cast of a Horse's foot, exhibiting the Arteries, Veins
Nerves, Tendons, and Ligaments, A. M. M.
- 1217 ✓ 132 Hairball from the Stomach of a Cow
presented by Mr. James S. King, Washington, D. C.
- 1218 ✓ 133 Malformation of four Pigs feet of one Animal
the front feet are clubbed, with the hind toes
abducted external, the hind feet are well developed,
except that both front toes are stuck in one hoof
Capt. H. V. Cherbonnier, M.S.R. U. S. A.
- 1219 ✓ 134 Encephalon of *Sus scrofa*, Linne, Common Pig
A. M. M.
- 1220 ✓ 135 Encephalon of *Didelphys virginiana*, Shaw, Possum
A. M. M.
- 1224 ✓ 136 Encephalon of *Canis familiaris*, L. Common Dog
Frederic Schafhirt, A. A. Surgeon U. S. A.
- 1234 ✓ 134 Encephalon of *Mus decumanus*, L. Brown Rat
Frederic Schafhirt A. A. Surgeon U. S. A.
- 1245 ✓ 135 Hairball found in an Ox, *Bos domesticus*
Smithsonian Institution
- 1252 ✓ 136 Three (united) feet of one Leg of a Lamb, *Ovis Aries*
Smithsonian Institution

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| 1263✓ | 137 | Hair ball, ejected by a Cow, June 3 ^d 1873
Dr. B. J. D. Irwin, Surgeon U. S. A. |
| 1270✓ | 138 | Ovaries of <i>Felis domesticus</i> , Linné, with three Wiltens
Dr. E. M. Schafer, Act. Asst. Surgeon U. S. A. |
| 1290✓ | 139 | Hairball, found in Stomach of a Calf four months old,
Dr. S. M. Horton, Asst. Surgeon U. S. A. |
| 1364✓ | 140 | Hairball, from a Texas Steer, Presented by Hospital Steward
J. C. Fell, Kansas City Missouri |
| 1366✓ | 141✓ | Os penis of <i>Vulpes velox</i> , Aud. Swift Fox
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1411✓ | 142 | Three Embryos of <i>Cynomys ludovicianus</i> , Prairie Dog
Dr. Peter J. A. Cleary, Asst. Surgeon U. S. A. |
| 1416✓ | 143 | Head of a foetal Kangaroo, with a teat of the Dam.
Dr. Fitzgerald, Asst. Surgeon U. S. A. |
| 1423✓ | 144 | Os penis of <i>Taxidea americana</i> , Waterh, Missouri Badger
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1440✓ | 145 | Intestinal calculus of a Horse
Dr. E. Sterling |
| 1441✓ | 146 | Intestinal calculus of a Horse
Dr. E. Sterling |
| 1523✓ | 147 | the perfect Skin of an Armadillo,
Dr. A. B. Campbell, Asst. Surgeon U. S. A. |
| 1524✓ | 148 | Two Embryos of Armadillo
Dr. A. B. Campbell, Asst. Surgeon U. S. A. |

Miscellaneous Specimens of Mammalia

- 1526/149 ✓ Hairball, found in the stomach of a calf,
Dr. James R. Reilly, Act. Asst. Surgeon U. S. A.
- 1557/150 ✓ Hairball found in stomach of a Cow
Dr. W. F. Buchanan, Asst. Surgeon U. S. A.
- 1721 151 ✓ Two Embryos of *Antilocapra americana*, ^{Pronghorn} ord, Antelope
Dr. W. J. Tremaine, Asst. Surgeon U. S. A.
- 1722 152 ✓ Hairball, found in the stomach of a ~~Horse~~ Heifer
Dr. F. H. Aiken, Asst. Surgeon U. S. A.
- 1737 153 ✓ Hairball, from the stomach of a Cow
George, J. Gibbs, Esq
- 1754 154 ✓ Two large Calculi, said to be from the urinary bladder of a Horse
Bensinger Esq. Washington D. C.
- 1755 155 Two Ovi with Embryos of *Lepus callotis*, wagler
S. Vitching, Hosp. Steward U. S. A.
- 1996 156 ✓ Hairball, taken from the stomach of an Ox
Smithsonian Institution
- 2056 157 ✓ Salivary calculus, taken from parotid duct of a
mule, Smithsonian Institution
- 2081 158 ✓ Bones and hoof of foot of a mule footed pig; from Hilates
Bexar Co Texas, from Mr G. W. Marnock, March 6th 1878.
- 2204 159 ✓ Three pigs feet, two with six toes, and one with five toes
J. D. Gibbs, Washington D. C.
- 2205 160 ✓ Hairball from the stomach of a Cow,
Smithsonian Institution
November 22nd 1878,

- 2222 161 ✓ Embryo of a calf (*Bos taurus* L) one month old, Ft. Clark, Texas, April 3rd 1879, Dr. Comegys, Asst. Surgeon U. S. A.
- 2237 162 ✓ Conglomerated ball of vegetable matter from the stomach of a Deer (*Cervus macrocarus*) April 1st 1879 Fort Gaston, Dr. C. E. Rice, Asst. Surgeon U. S. A.
- 2448 163 Double head of a calf, born July 10, 1880 on cattle ranch near Ft. Lyon Cal. Recd. July 1881 Geo. H. Torney Asst. Surg. U.S.A.
- 2457 164 Kitten with two mouths, Oct. 1881 Lieut. Mulhall through S. M. Horton Surg. U.S.A.
- 2462 165 Fetus of about three months growth delivered of a mule Ft. Davis Texas Jan'y. 1882 H. C. Brown Surg. U.S.A.
- 2464 166 Two headed foetal calf (head) Ft. Cummings N. M. May 13, 1882 R. B. Newton Asst. Surg. U.S.A.
- 2466 167 Acephalic puppy El Paso Texas July 11, 1882 M. E. Taylor Capt. & Asst. Surg. U.S.A.
- 2467 168 Fetus of a Horse Washington D.C. Oct. 16, 1882 Dr. Carol Morgan
- 2468 169 Leg of a pig with three feet Gainsville Fla Dec 21, 1882 W. H. Folk
- 2470 170 Fore legs of a large Irish spaniel (water) dog Fort Sill Indian T'y. March 19, 1883 R. B. Newton Asst. Surg. U.S.A.
- 2472 171 Cranium of foetal pig (deformed) Washington D.C. March 29, 1883 W. W. Jackson

- 2473 172 Fore leg of a pig with two feet
Washington D.C. April 18, 1883
David Flynn
-
- Petrified Bones of the foot of a Horse
June 29, 1883
- 2475 173 Geo. M. Stenberg Surg. U.S.A. through Surg O.E. Huntington
2507 174 Cast of the Skull of a small Gorilla
Purchased July, 1883
-
- 2508 175 Cast of the Skull of a female Gorilla
Purchased July 1883
-
- 2509 176 Foot of a Horse (artificial)
Purchased July 1883
-

Aves.
Skeletons of Birds

General Number	Number of Division	
138✓	1	<i>Cathartes aura</i> , Linné, Turkey Buzzard (fem) Patric M ^c Eneany, U S A,
139✓	2	<i>Astur atricapillus</i> , Wilson, Goshawk (fem) A, M, M.
800✓	3	<i>Accipiter Cooperii</i> , Bonaparte, Coopers Hawk A, M, M.
604✓	4	<i>Accipiter fuscus</i> , Gmelin, Sharp-shinned Hawk A, M, M.
15✓	5	<i>Buteo borealis</i> , Bonap. Red-tailed Hawk (mas) A, M, M.
796✓	6	<i>Aquila canadensis</i> , Cassin, Golden Eagle. Dr, C, C, Gray, Surgeon U, S, A,
583✓	7	<i>Haliaeetus leucocephalus</i> , Savigny, Bald Eagle A, M, M.
135✓	8	<i>Fandion carolinensis</i> , Bonap. Fish Hawk, (mas) A, M, M.
860✓	9	<i>Bubo virginianus</i> , Bonap. Great-Horned Owl Dr, C, C, Gray, Surgeon U, S, A,
610✓	10	<i>Scops asio</i> , Bonap. Mottled Owl A, M, M.
603✓	11	<i>Otus wilsonianus</i> , Lesson, Long-eared Owl A, M, M.
591✓	12	<i>Brachyotus Cassinii</i> , Brewer, Short-eared Owl A, M, M.

Skeletons of Birds

156✓	13	<i>Syrnium nebulosum</i> , Gray, Barred Owl (mas) A, M, M,
811✓	14	<i>Sphyrapicus varius</i> , Baird, Yellow-bellied Woodpecker A, M, M,
550✓	15	<i>Glyptotomus pileatus</i> , Baird, Black Woodcock A, M, M,
118✓	16	<i>Colaptes auratus</i> , Swain, Flicker A, M, M,
171✓	17	<i>Chaetura pelagica</i> , Steph., Chimney Swallow (mas) A, M, M,
861✓	18	<i>Antrostomus vociferus</i> , Bonap., Whip-poor-will Dr. George Hopkins
155✓	19	<i>Ceryle alcyon</i> , Boie, Belted Kingfisher (mas) A, M, M,
46✓	20	<i>Turdus migratorius</i> , Linné, Robin, (fem) A, M, M,
157✓	21	<i>Hirundo horreorum</i> , Barton, Barn Swallow, (fem) Mr. J. M. Lyons, U, S, A,
101✓	22	<i>Hirundo bicolor</i> , Vieill, White-bellied Swallow (fem) Herman Faber, Hosp. Steward, U, S, A,
883✓	23	<i>Mimus polyglottus</i> , Boie, Mocking Bird, (mas) Dr. George A. Otis, Assist, Surgeon U, S, A,
45✓	24	<i>Harporhynchus rufus</i> , Cab., Brown Thrush, (mas) A, M, M,

593✓	25	<i>Fringilla canaria</i> , Linné, Canary Bird, (mas) B. Lglinitzky, Hosp. Steward U, S, A,
4✓	26	<i>Junco hyemalis</i> , Sclat, Snow Bird (mas) A, M, M,
584✓	27	<i>Dolichonyx oryzivorus</i> , Swain, Boblink (mas) A, V, Ferris, U, S, A,
117✓	28	<i>Agelaius phoeniceus</i> , Vieill, Swamps Blackbird, (fem) A, M, M,
14✓	29	<i>Sturnella magna</i> , Swain, Meadow Lark, (mas) A, M, M,
809✓	30	<i>Scolecophagus ferrugineus</i> , Swain, Rusty Blackbird Amos Hunt, Esq.
824✓	31	<i>Quiscalus versicolor</i> , Vieill, Crow Blackbird (mas) A, M, M,
133✓	32	<i>Corvus americanus</i> , Audubon, Common Crow, (fem) E, P. Rollins Esq.
115✓	33	<i>Cyanura cristata</i> , Bonap, Blue Jay (mas) A, M, M,
18✓	34	<i>Columba domestica</i> , Linné, Common Pigeon, (mas) Ernst F. Schaphert, Hosp. Steward, U, S, A,
958✓	35	<i>Ectopistes migratoria</i> , Swain, Wild Pigeon, (mas) A, M, M,
114✓	36	<i>Zenaidura carolinensis</i> , Bonap, Common Dove (fem) A, M, M,

Skeletons of Birds

141 ✓	37	<i>Meleagris gallipavo</i> , Linné, Wild Turkey, (fem) A, M, M,
27 ✓	38	<i>Numida meleagris</i> , Linné, Guinea Hen. (mas) A, M, M,
41 ✓	39	<i>Gallus communis</i> , Linné, Common Chicken (mas) Frederic Schaphirt, A, A, Surgeon U, S, A,
855 ✓	40	<i>Gallus communis</i> , Linné, Common Chicken in duplex with but one head, Smithsonian Institution
912 ✓	41	Pelvis of <i>Gallus communis</i> , Linné, with two additional os innominata and four Legs, Mr. Creuit of Georgetown D, C,
1074 ✓	42	<i>Gallus communis</i> , Linné, with an additional Pelvis and four Legs, and two additional wings, A, M, M,
158 ✓	43	<i>Gallus communis</i> , Linné, Common Chicken in duplex with but one Head, Herman Faber, Hosp, Steward U, S, A,
578 ✓	44	<i>Gallus communis</i> , Linné, Common Chicken with two Heads Brevet. Lieut, Col. J, J, Woodward M, D, Assist, Surg, U, S, A,
140 ✓	45	<i>Cupidonia cupido</i> , Baird, Prairie Hen, (fem) A, M, M,
126 ✓	46	<i>Bonassa umbellus</i> , Steph, Ruffed Grouse, (fem) A, M, M,
125 ✓	47	<i>Ortyx virginianus</i> , Bonap, Partridge, Quail, (mas) A, M, M,

1044✓	48	<i>Pavo cristatus</i> , Linné, Peacock (mas) General Michler U.S.A.
582✓	49	<i>Ardea herodias</i> , Linné, Great Blue Heron A, M, M,
1011✓	50	<i>Butorides virescens</i> , Bonap. Green Heron, A, M, M,
867✓	51	<i>Charadrius virginicus</i> , Borch. Golden Plover, A, M, M,
150✓	52	<i>Aegialitis vociferus</i> , Cassin, Killdeer, (mas) A, M, M,
116✓	53	<i>Philohela minor</i> , Gray, American Woodcock (mas) A, M, M,
151✓	54	<i>Gallinago wilsonii</i> , Bonap. English Snipe (fem) A, M, M,
862✓	55	<i>Tringa maculata</i> , Vieill, Jack Snipe, Dr. George Hopkins
102✓	56	<i>Gambetta flavipes</i> , Bonap. Yellow Legs (mas) Adolf I. Schaphirt, Esq.
124✓	57	<i>Fulica americana</i> , Gmelin, Coot, Waterhen (mas) A, M, M,
12✓	58	<i>Cygnus americanus</i> , Sharpless, American Swan (mas) A, M, M,
149✓	59	<i>Anser cygnoides</i> , Linné, Swan Goose Smithsonian Institution

Skeletons of Birds

17 ✓	60	<i>Bernicla canadensis</i> , Boie, Canada Goose (mas) A, M, M,
1051 ✓	61	<i>Cairina moschata</i> , — Musk Duck A, M, M,
741 ✓	62	<i>Querquedula discors</i> , Steph, Blue-winged Teal A, M, M,
109 ✓	63	<i>Aix sponsa</i> , Boie, Summer Duck (fem) A, M, M,
129 ✓	64	<i>Bucephala albeola</i> , Baird, Butter Ball (mas) A, M, M,
627 ✓	65	<i>Melanetta velvetina</i> , Baird, velvet Duck A, M, M,
8 ✓	66	<i>Mergus americanus</i> , Cassin, Sheldrake (mas) A, M, M,
826 ✓	67	<i>Larus argentatus</i> , Brünn, Herring Gull A, M, M,
153 ✓	68	<i>Larus delawarensis</i> , Ord, Ring-billed Gull (mas) A, M, M,
173 ✓	69	<i>Hydrochelidon plumbea</i> , Wilson, Short-tailed Tern. (mas) A, M, M,
1101 ✓	70	<i>Estrellda pyrrhula</i> , Linné, European Bullfinch J. J. Weppner Esq.
1108	71	<i>Anas domesticus</i> , Linné, Common Duck (fem) with three Legs, — on the left side, behind and between the os innominatum and os sacrum is an additional inne

minatum is an additional but rudimentary innominatum with an additional Leg on which all articulations are anchylosed, except the hip articulation

Mr, George Bowman of Washington D, C,

- | | | |
|-------|----|--|
| 1109✓ | 72 | <i>Sialia sialis</i> , Baird, Blue-Bird, (mas)
Mr. Peter Wynne, U, S, A. |
| 1110✓ | 73 | <i>Carduelis elegans</i> , Baird, European Goldfinch
Mr. Peter Treuss, Hosp. Steward U, S, A. |
| 1111✓ | 74 | <i>Eristomatura rubida</i> , Bonap, Ruddy Duck (mas)
A, M, M. |
| 1112✓ | 75 | <i>Dafila acuta</i> , Kenyngs, Sprigtail, (mas)
A, M, M. |
| 1114✓ | 76 | <i>Mareca americana</i> , Stephens, American Widgeon (mas)
A, M, M. |
| 1115✓ | 77 | <i>Anas boschas</i> , Linné, Mallard, (mas)
A, M, M. |
| 1117✓ | 78 | <i>Nettion carolinensis</i> , Baird, Green winged Teal
(fem)
A, M, M. |
| 1118✓ | 79 | <i>Lophodytes cucullatus</i> , Reich: Hooded Merganser
(mas)
A, M, M. |
| 1119✓ | 80 | <i>Harelda glacialis</i> , Leach, South-Southerly (fem)
A, M, M. |
| 1120✓ | 81 | <i>Podiceps cornutus</i> , Latham, Horned Grebe (fem)
A, M, M. |
| 1122✓ | 82 | <i>Spatula clypeata</i> , Boie, Shoveller, (fem)
A, M, M. |

Skeletons of Birds

1123	83	<i>Aythya americana</i> , Bonap, Red-Head, (fem) A, M, M.
1124	84	<i>Fulix affinis</i> , Baird, Little Black-Head (mas) A, M, M.
1125	85	<i>Aythya vallisneria</i> , Bonap, Canvasback (mas) A, M, M.
1128	86	<i>Bucephala americana</i> , Baird, Golden Eye (mas) A, M, M.
1130	87	<i>Mergus serrator</i> , Linné, Red-breasted Merganser (mas) A, M, M.
1136	88	<i>Guiraca ludoviciana</i> , Sw, Rose-breasted Grosbeak (fem) A, M, M.
1139	89	<i>Gallus communis</i> Linné, Common Chicken (mas) with three Legs, and four feet, Dr. Josuah Curtis, Knoxville, Tenn;
1206	90	<i>Melanerpes erythrocephalus</i> , Swains, Red-Head Woodpecker Mr Palmer, Private U, S, A,
1207	91	<i>Chrysomitris tristis</i> , Bonaparte, Yellow Bird Frederic Schephiert, Act, Asst, Surgeon U, S, A,
1246	92	<i>Larus glaucus</i> , Brünn, Glaucous Gull, Smithsonian Institution
1247	93	<i>Uria</i> Smithsonian Institution
1289	94	<i>Botaurus lentiginosus</i> , Steph, Stake driver A, M, M.

Skeletons of Birds

General Number	Number of Division	
1293 ✓	95	<i>Gambetta melanoleuca</i> , Bonap. Stone-Snipe A. M. M.
1329 ✓	96	<i>Molothrus pecoris</i> , Swainson, Cow-Bird Dr. Elliot Coues, Asst, Surgeon U, S, A
1339 ✓	97	<i>Tyrannus carolinensis</i> , Baird, King-Bird Dr. Elliot Coues, Asst, Surgeon U, S, A
1347 ✓	98	<i>Dendroica pennsylvanica</i> , Baird, Chestnut-side Warbler Dr. Elliot Coues, Asst, Surgeon U, S, A.
1354 ✓	99	<i>Gallus communis</i> , L. (old) with an additional pelvis, and two additional Legs, G. W. Linnin, Washington D. C.
1359 ✓	100	<i>Himantopus nigricollis</i> , Vieill, Black-necked Stilt Dr. H. C. Yarrow
1365 ✓	101	<i>Gallus indicus</i> , Schaph. Bramah Chicken, Ernest F. Schaphirt Hosp. Steward U, S, A
1369 ✓	102	<i>Buteo montanus</i> , Nuttall, Western Red tailed Hawk Dr. H. C. Yarrow.
1389 ✓	103	<i>Cyrtonyx massena</i> , Gould, Massena Partridge Dr. H. C. Yarrow
1390 ✓	104	<i>Meleagris mexicana</i> , Gould, Mexican Turkey (disarticulated) Dr. H. C. Yarrow
1400 ✓	105	<i>Pica nuttalli</i> , Aud, Yellow-billed Magpie Dr. H. C. Yarrow
1402 ✓	106	<i>Campylorhynchus brunneicapillus</i> , Gray, Thrush Dr. H. C. Yarrow

Skeletons of Birds

- 1425✓ 107 *Actiturus bartramius*, Bonap., Field = Glover
Dr. Elliot Coues, Asst. Surgeon U.S.A.
- 1428✓ 108 *Pediocetes phasianellus*, Baird, Pullet of sharp-tailed
Grouse, Dr. Elliot Coues, Asst. Surgeon U.S.A.
- 1434✓ 109 *Eremophila alpestris*, Coues, Mountain Lark
Dr. Elliot Coues, Asst. Surgeon U.S.A.
- 1438✓ 110 *Struthio camelus*, Linné, Ostrich
A. M. M.
- 1439✓ 111 *Dromaius Novaehollandia*, Lath., Emu
A. M. M.
- 1445✓ 112 *Meleagris gallinavo*, Linn., Wild Turkey (disarticulated)
Dr. H. C. Yarrow, A. A. Surgeon U.S.A.
- 1446✓ 113 *Meleagris mexicana*, Gould, Mexican Wild Turkey
Dr. H. C. Yarrow, A. A. Surgeon U.S.A.
- 1480✓ 114 *Ereunetes pusillus*, — Arizona Sandpiper
Dr. H. C. Yarrow, A. A. Surgeon U.S.A.
- 1483✓ 115 *Centurus uropygialis*, Baird, Gila Woodpecker
Dr. H. C. Yarrow, A. A. Surgeon U.S.A.
- 1484✓ 116 *Picus scalaris*, Wagler, Scaly Woodpecker
Dr. H. C. Yarrow, A. A. Surgeon U.S.A.
- 1492✓ 117 *Xanthocephalus icterocephalus*, Baird, Yellow-headed
Blackbird, Dr. H. C. Yarrow, A. A. Surgeon U.S.A.
- 1498✓ 118 *Contopus richardsonii*, Baird, Short-legged Pewee
Dr. H. C. Yarrow, A. A. Surgeon U.S.A.

- 1506✓119 *Progne subis*, Boie, Purple Martin
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1519✓120 *Carpodacus frontalis*, Gray, House-Finch
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1556✓121 *Gallus commus*, Linné, a Young Chicken with four Legs
Dr. W. F. Buchanan, Asst. Surgeon U. S. A.
- 1586 122✓ *Cygnus olor*, Linné, European Swan,
Surgeon Chas. Crane, Asst. Surg. General U. S. A.
- 1596✓123 *Recurvirostra americana*, Gmel. Blue Stomping
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1600✓124 *Sterna forsterii*, Nutt. Forsters Tern
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1605✓125 *Totanus semipalmata*, Willet, Semipalmated Tattler
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1612✓126 *Sturnella neglecta*, Aud. Western field Lark
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1616✓127 *Tringa minutilla*, Vieil. Least Sandpiper
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1625✓128 *Larus franklinii*, Bruch, Franklins Gull
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1640✓129 *Steganopus wilsonii*, Coues, Wilsons Phalarope
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1641✓130 *Tyrannus verticalis*, Say, Arkansas Flycatcher
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.

Skeletons of Birds

- 1647 ✓ 131 *Chordeiles virginianus*, Coues, Night Hawk
Dr. Chas. Ew. M'Chesney, A. A. Surgeon U. S. A.
- 1652 ✓ 132 *Limosa fedosa*, Ord, Great marbled Godwit,
Dr. Chas. Ew. M'Chesney A. A. Surgeon U. S. A.
- 1662 ✓ 133 *Sterna hirundo*, Wilson, Common Tern.
Dr. Chas. Ew. M'Chesney, A. A. Surgeon U. S. A.
- 1688 ✓ 134 *Grus canadensis*, Temm, Sandhill Crane
Dr. Elliot Coues, Asst. Surgeon U. S. A.
- 1713 ✓ 135 *Certhia americana*, Bonap. American Creeper
John, F. Linnins. Esq.
- 1752 ✓ 136 *Sayornis fuscus*, Baird, Pewee, Virginia April 8th 1877
H. W. Henshaw Esq.
- 1824 137 ✓ *Pavo cristatus*, Linne', Washington D. C.
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1917 138 *Gallus communis*, L, with three Legs, the additional
leg being attached to the os coccygis by two muscular
bands, the articulations of the additional leg are anky-
losed as usual
- Dr. George C. Samson; Washington D. C.
- 2009 139 ✓ *Mergus americanus*, Cassin, male Sheldrake, ^{Potomac River} Maryland
Dr. H. C. Yarrow, Act. Asst Surg. U. S. A.
- 2080 140 ✓ *Archibuteo lagopus*, Gray, Rough legged Hawk, Camp Supply
January 30th 1878, D. F. H. Atkins A. A. Surgeon U. S. A.
- 2085 141 ✓ *Aquila chrysaetus*, Linne', Golden Eagle, Ft Larned
Kansas, January 30th 1878, Dr F. H. Atkins, A. A. Surg U. S. A.

- 2120 142 ✓ *Phalaropus hyperboreus*, Temm, Washae Lake, May 1877
Lt, Wheelers exploration, H. W. Henshaw
- 2125 143 ✓ *Hydrochelidon plumbea*, Wilson, Washae Lake May 1877
Lt, Wheelers exploration, H. W. Henshaw
- 2144 144 ✓ *Bubo virginianus*, Bon. Long-eared owl, Ft. Laramie, August 26th
1877, Dr. C. Ed. McChesney, A. A. Surgeon U. S. A.
- 2186 145 ✓ *Buteo swainsonii*, Bon, Swainsons Buzzard,
S. Kitching, Hoys, Steward, Sept. 30th 1878
- 2193 146 ✓ *Fuligula collaris*, Bon, Ring-neck Duck, Madersonville Ohio Nov 3rd
1878, Frank W. Langdon Esq
- 2197 147 ✓ *Picus pubescens*, L, Downy Woodpecker, Madersonville Ohio Nov 3rd
1878, Frank W. Langdon Esq.
- 2238 148 ✓ *Dendroica caerulescens*, Baird, Blue Warbler, Columbus
Ohio, April 28th 1875, J. M. Wheaton Esq.
- 2247 149 ✓ *Sterna anglica*, Nutt, Marsh Tern, Cobbs Island August
1st 1879, Dr. H. W. Henshaw, Washington D. C.
- 2257 150 ✓ *Phynchopeus nigra*, Wils, Black Skimmer, Cobbs Island, August 1st
1879, Dr. H. W. Henshaw, Washington D. C.
- 2258 151 ✓ *Rallus crepitans*, Gmel, Claysper Rail, Cobbs Island, August 1st
1879, Dr. H. W. Henshaw, Washington D. C.
- 2275 152 ✓ *Centurus carolinus*, Bonap, Madisonville Ohio, Sept, 30th
1879, F. W. Langdon Esq.
- 2280 153 ✓ *Pipilo erythrophthalmus*, Vieill, Mount Carmel, Ill, Oct 15th 79
H. W. Henshaw M. D.

Skeletons of Birds

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|-------|------|--|
| 2282 | 154✓ | <i>Turdus pallasi</i> , Cab, Mount Carmel, Ill, Oct, 15 th 1879
H. W. Henshaw M. D. |
| 2289 | 155✓ | <i>Melospiza melodia</i> , Baird, Mount Carmel Ill, Oct, 14 th 1879
H. W. Henshaw, M. D. |
| 2297 | 156✓ | <i>Amotilta varia</i> , Vieill, Washington D. C, Oct, 19 th 1879
H. W. Henshaw M. D. |
| 2303 | 157✓ | <i>Melospiza palustris</i> , Baird, Mount Carmel Ill, Oct, 14 th 1879
H. W. Henshaw M. D. |
| 2310✓ | 158✓ | <i>Spizella pusilla</i> , Bon, Washington D. C, Oct, 19 th 1879
H. W. Henshaw M. D. |
| 2313 | 159✓ | <i>Dendroica virens</i> , Baird, Mount Carmel Ill, Oct, 14 th 1879
H. W. Henshaw M. D. |
| 2402 | 160✓ | <i>Cotyle riparia</i> , Boie, Fort Shaw, M. T, April 30 th 1880
Dr James C. Merrill, Asst, Surgeon U. S. A. |
| 2403 | 161✓ | <i>Spizella monticola</i> , Baird, Fort Shaw, M. T, April 30 th 1880
Dr, James C. Merrill, Asst Surgeon U. S. A. |
| 2404 | 162✓ | <i>Petrochelidon lanifrons</i> , Aud, Fort Shaw, M. T, April 30 th 1880
Dr. James C. Merrill, Asst, Surgeon U. S. A. |
| 2409 | 163✓ | <i>Plectrophanus nivalis</i> , Meyer, Fort, Shaw, M. T, April 30 th 1880
Dr, James, C. Merrill, Asst, Surgeon U. S. A. |
| 2411 | 164✓ | <i>Icterus bullockii</i> , Bon, Fort, Shaw, M. T, April 30 th 1880
Dr, James C. Merrill, Asst, Surgeon, U. S. A. |
| 2420 | 165✓ | <i>Scops asio</i> . Bon Screech owl. Washington D.C.
April 15 th 1881. Wm G. Schaffnit |

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|------|----|--|
| 709✓ | 1 | <i>Cathartes aura</i> , Illiger, Turkey Buzzard
Dr. B, B, Miles, A, A, Surgeon U, S, A, |
| 923✓ | 2 | <i>Falco anatum</i> , Bonaparte, Duck Hawk
Smithsonian Institution |
| 269✓ | 3 | <i>Falco columbarius</i> , Linné, Pigeon Hawk
A, M, M, |
| 924✓ | 4 | <i>Falco columbarius</i> , Linné, Pigeon Hawk
Smithsonian Institution |
| 923✓ | 5 | <i>Falco islandicus</i> , Sabine, Ser Falcon
Smithsonian Institution |
| 265✓ | 6 | <i>Astur atricapillus</i> , Bonap. Goshawk
A, M, M, |
| 266✓ | 7 | <i>Accipiter cooperii</i> , Bonap, Coopers Hawk
A, M, M, |
| 717✓ | 8 | <i>Accipiter cooperii</i> , Bonap, Coopers Hawk
Dr, B, B, Miles, A, A, Surgeon U, S, A, |
| 949✓ | 9 | <i>Accipiter fuscus</i> , Bonap, Sharp-shinned
Hawk
A, M, M, |
| 263✓ | 10 | <i>Buteo borealis</i> , Vieill, Red-tailed Hawk
A, M, M, |
| 264✓ | 11 | <i>Buteo borealis</i> , Vieill, Red-tailed Hawk
A, M, M, |
| 716✓ | 12 | <i>Buteo borealis</i> , Vieill, Red-tailed Hawk
Dr, B, B, Miles, A, A, Surgeon U, S, A, |

Crania of Birds

General Number	Number of Division	
267 ✓	13	<i>Buteo lineatus</i> , Gerdine, Red-Shouldered Hawk A, M, M,
708 ✓	14	<i>Buteo lineatus</i> , Gerdine, Red-shouldered Hawk Dr. B, B, Miles, A, A, Surgeon U, S, A,
936 ✓	15	<i>Archibuteo lagopus</i> , Gray, Rough-legged Hawk Smithsonian Institution
937 ✓	16	<i>Archibuteo lagopus</i> , Gray, Rough-legged Hawk Smithsonian Institution
938 ✓	17	<i>Archibuteo lagopus</i> , Gray, Rough-legged Hawk Smithsonian Institution
268 ✓	18	<i>Circus hudsonicus</i> , Vieill, Marsh Hawk A, M, M,
921 ✓	19	<i>Circus hudsonicus</i> , Vieill, , Marsh Hawk Smithsonian Institution
891 ✓	20	<i>Aquila canadensis</i> , Cassin, Golden Eagle Dr, A, H, Gardner, Assist, Surgeon U, S, A,
892 ✓	21	<i>Haliaeetus pelagicus</i> , Siebold, Northern Sea Eagle Dr, Whitehead, Assist, Surgeon U, S, A,
893 ✓	22	<i>Haliaeetus pelagicus</i> , Siebold, Northern Sea Eagle Dr, Whitehead, Assist, Surgeon U, S, A,
836 ✓	23	<i>Haliaeetus leucocephalus</i> , Savigny, Bald Eagle Dr. George M, Sternberg, Brevet Major U, S, A,
270 ✓	24	<i>Bubo virginianus</i> , Bonap, Great Horned Owl A, M, M,

837	25	<i>Bubo virginianus</i> , Bonap, Great Horned Owl Dr. George M. Sternberg, Brevet Major U.S.A.
274	26	<i>Scops asio</i> , Bonap, Mottled Owl A, M, M.
273	27	<i>Brachyotus cassinii</i> , Brewer, Short-Eared Owl A, M, M.
788	28	<i>Brachyotus cassinii</i> , Brewer, Short-Eared Owl Dr. Johnson Elliot
272	29	<i>Syrnium nebulosum</i> , Gray, Barred Owl A, M, M.
897	30	<i>Nyctale acadica</i> , Bonap, Saw-whet Owl Dr. N. E. Whitehead, Assist. Surgeon U.S.A.
271	31	<i>Nyctea, nivea</i> , Gray, Snowy Owl A, M, M.
275	32	<i>Pittacus erythacus</i> , Linne', Gray Parakeet A, M, M.
276	33	<i>Chrysotis flavifrons</i> , Herman, Yellow-fronted, green Parrot A, M, M.
277	34	<i>Conurus carolinensis</i> , Vuhl, Parakeet A, M, M.
278	35	<i>Coccygus americanus</i> , Bonap, Yellow-billed Cuckoo A, M, M.
279	36	<i>Coccygus americanus</i> , Bonap, Yellow-billed Cuckoo A, M, M.

Crania of Birds

280✓	37	<i>Coccyzus americanus</i> , Bonap, Yellow-billed Cuckoo A, M, M,
281✓	38	<i>Coccyzus erythrophthalmus</i> , Bon, Black-billed Cuckoo A, M, M,
602✓	39	<i>Picus villosus</i> , Linné, Hairy Woodpecker A, M, M,
282✓	40	<i>Picus pubescens</i> , Linné, Downy Woodpecker A, M, M,
283✓	41	<i>Picus pubescens</i> , Linné, Downy Woodpecker A, M, M,
621✓	42	<i>Hylatomus pileatus</i> , Baird, Black Woodcock A, M, M,
718✓	43	<i>Hylatomus pileatus</i> , Baird, Black Woodcock Dr. B, B, Miles, A, A, Surgeon U, S, A,
284✓	44	<i>Melanerpes erythrocephalus</i> , Sw, Red-headed Woodpecker A, M, M,
285✓	45	<i>Melanerpes erythrocephalus</i> , Sw, Red-headed Woodpecker A, M, M,
286✓	46	<i>Colaptes auratus</i> , Swainson, Flicker A, M, M,
287✓	47	<i>Colaptes auratus</i> , Swainson, Flicker A, M, M,
288✓	48	<i>Colaptes auratus</i> , Swainson, Flicker A, M, M,

289	✓ 49	<i>Colaptes auratus</i> , Swainson, Flicker A, M, M,
290	✓ 50	<i>Trochilus colubris</i> , Linné, Ruby-throated Humming Bird A, M, M,
291	✓ 51	<i>Tyrannus carolinensis</i> , Baird, King Bird A, M, M,
292	✓ 52	<i>Tyrannus carolinensis</i> , Baird, King Bird A, M, M,
293	✓ 53	<i>Contopus virens</i> , Cab, Wood Pewee A, M, M,
296	✓ 54	<i>Turdus mustelinus</i> , Gmelin, Wood Thrush A, M, M,
297	✓ 54	<i>Turdus mustelinus</i> , Gmelin, Wood Thrush A, M, M,
298	✓ 56	<i>Turdus mustelinus</i> , Gmelin, Wood Thrush A, M, M,
303	✓ 57	<i>Turdus nanus</i> , Audubon, Dwarf Thrush A, M, M,
299	✓ 58	<i>Turdus fuscescens</i> , Stephens, Wilsons Thrush A, M, M,
300	✓ 59	<i>Turdus fuscescens</i> , Stephens, Wilsons Thrush A, M, M,
301	✓ 60	<i>Turdus fuscescens</i> , Stephens, Wilsons Thrush A, M, M,

Crania of Birds

302✓	61	<i>Turdus fuscescens</i> , Stephens, Wilsons Thrush, A, M, M,
304✓	62	<i>Turdus Swainsonii</i> , Cab, Olive-backed Thrush A, M, M,
33✓	63	<i>Turdus migratorius</i> , Linné, Robin Frederic Schaphirt, A, A, Surgeon U, S, A,
56✓	64	<i>Turdus migratorius</i> , Linné, Robin Frederic Schaphirt, A, A, Surgeon U, S, A,
294✓	65	<i>Turdus migratorius</i> , Linné, Robin A, M, M,
295✓	66	<i>Turdus migratorius</i> , Linné, Robin A, M, M,
305✓	67	<i>Sialia Sialis</i> , Baird, Blue Bird A, M, M,
306✓	68	<i>Sialia Sialis</i> , Baird, Blue Bird A, M, M,
307✓	69	<i>Sialia Sialis</i> , Baird, Blue Bird A, M, M,
309✓	70	<i>Parula americana</i> , Bonap, Blue yellow-backed Warbler A, M, M,
310✓	71	<i>Parula americana</i> , Bonap, Blue Yellow-backed Warbler A, M, M,
311✓	72	<i>Geothlypis trichas</i> , Cab, Maryland Yellow-throat A, M, M,

312✓	73	<i>Geothlypis trichas</i> , Cab, Maryland Yellow-throat A, M, M,
313✓	74	<i>Geothlypis trichas</i> , Cab, Maryland Yellow-throat A, M, M,
314✓	75	<i>Geothlypis trichas</i> , Cab, Maryland Yellow-throat A, M, M,
393✓	76	<i>Icteria viridis</i> , Bonap, Yellow-breasted Chat A, M, M,
316✓	77	<i>Dendroica virens</i> , Baird, Black-throated Green Warbler A, M, M,
315✓	78	<i>Dendroica canadensis</i> , Baird, Black-throated Blue Warbler A, M, M,
325✓	79	<i>Dendroica coronata</i> , Gray, Yellow Pumps A, M, M,
326✓	80	<i>Dendroica coronata</i> , Gray, Yellow Pumps A, M, M,
327✓	81	<i>Dendroica blackburniae</i> , Baird, Blackburnian Warbler A, M, M,
317✓	82	<i>Dendroica castanea</i> , Baird, Bay Breasted Warbler A, M, M,
318✓	83	<i>Dendroica castanea</i> , Baird, Bay Breasted Warbler A, M, M,
319✓	84	<i>Dendroica pennsylvanica</i> , Baird, Chestnut-sided Warbler A, M, M,

Crania of Birds

320 ✓	85	<i>Dendroica pennsylvanica</i> , Baird, Chestnut-Sided Warbler A, M, M,
323 ✓	86	<i>Dendroica striata</i> , Baird, Black Poll Warbler A, M, M,
324 ✓	87	<i>Dendroica striata</i> , Baird, Black Poll Warbler A, M, M,
321 ✓	88	<i>Dendroica aestiva</i> , Baird, Yellow Warbler A, M, M,
322 ✓	89	<i>Dendroica aestiva</i> , Baird, Yellow Warbler A, M, M,
328 ✓	90	<i>Dendroica discolor</i> , Baird, Prairie Warbler A, M, M,
329 ✓	91	<i>Setophaga ruticilla</i> , Swainson, Redstart A, M, M,
330 ✓	92	<i>Setophaga ruticilla</i> , Swainson, Redstart A, M, M,
331 ✓	93	<i>Setophaga ruticilla</i> , Swainson, Redstart A, M, M,
332 ✓	94	<i>Setophaga rusticilla</i> , Swainson, Redstart A, M, M,
308 ✓	95	<i>Tyranga rubra</i> , Vieill, Scarlet Tanager A, M, M,
333 ✓	96	<i>Hirundo lunifrons</i> , Say, Cliff Swallow A, M, M,

General Number	Number of	Division	
334 ✓	97		<i>Hirundo lunifrons</i> , Say, Cliff Swallow A, M, M,
335 ✓	98		<i>Hirundo bicolor</i> , Vieill, White-bellied Swallow A, M, M,
551 ✓	99		<i>Hirundo bicolor</i> , Vieill, White-bellied Swallow A, M, M,
1013 ✓	100		<i>Hirundo bicolor</i> , Vieill, White-bellied Swallow Dr, William Butt
1014 ✓	101		<i>Hirundo bicolor</i> , Vieill, White-bellied Swallow Dr, William Butt
32 ✓	102		<i>Ampelis cedrorum</i> , Baird, Cedar Bird Frederic Schaphirt, A, A, Surgeon U, S, A,
64 ✓	103		<i>Ampelis cedrorum</i> , Baird, Cedar Bird Frederic Schaphirt, A, A, Surgeon U, S, A,
65 ✓	104		<i>Ampelis cedrorum</i> , Baird, Cedar Bird Frederic Schaphirt A, A, Surgeon U, S, A,
336 ✓	105		<i>Ampelis cedrorum</i> , Baird, Cedar Bird A, M, M,
337 ✓	106		<i>Vireo olivaceus</i> , Vieill, Red-eyed Flycatcher A, M, M,
338 ✓	107		<i>Vireo olivaceus</i> , Vieill, Red-eyed Flycatcher A, M, M,
339 ✓	108		<i>Vireo olivaceus</i> , Vieill, Red-eyed Flycatcher A, M, M,

Crania of Birds

340✓	109	Mimus polyglottus, Boie, Mocking Bird A, M, M.
341✓	110	Mimus polyglottus, Boie, Mocking Bird A, M, M.
342✓	111	Mimus carolinensis, Gray, Cat Bird A, M, M.
343✓	112	Mimus carolinensis, Gray, Cat Bird A, M, M.
344✓	113	Mimus carolinensis, Gray, Cat Bird A, M, M.
345✓	114	Mimus carolinensis, Gray, Cat Bird A, M, M.
346✓	115	Harporhynchus rufus, Cab, Brown Thrush A, M, M.
347✓	116	Harporhynchus rufus, Cab, Brown Thrush A, M, M.
348✓	117	Cistothorus palustris, Cab, Long-billed Marsh Wren A, M, M.
349✓	118	Troglodytes aedon, Vieill, House Wren A, M, M.
350✓	119	Sitta carolinensis, Gmelin, White-bellied Nuthatch A, M, M.
351✓	120	Sitta carolinensis, Gmelin, White-bellied Nuthatch A, M, M.

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| 352✓ | 121 | <i>Sitta canadensis</i> , Linne', Red-bellied Nuthatch
A, M, M, |
| 353✓ | 122 | <i>Sitta canadensis</i> , Linne', Red-bellied Nuthatch
A, M, M, |
| 355✓ | 123 | <i>Tolipoptila caerulea</i> , Sclat, Blue-Gray Flycatcher
A, M, M, |
| 356✓ | 124 | <i>Tolipoptila caerulea</i> , Sclat, Blue-Gray Flycatcher
A, M, M. |
| 354✓ | 125 | <i>Lophophanes bicolor</i> , Bonap. Tufted Titmouse
A, M, M, |
| 357✓ | 126 | <i>Parus atricapillus</i> , Linne', Black-caps Titmouse
A, M, M, |
| 358✓ | 127 | <i>Parus atricapillus</i> , Linne', Black-caps Titmouse
A, M, M, |
| 359✓ | 128 | <i>Eremophila cornuta</i> , Boie, Sky Lark
A, M, M, |
| 913✓ | 129 | <i>Eremophila cornuta</i> , Boie, Sky Lark
Dr, William B, Butt |
| 914✓ | 130 | <i>Eremophila cornuta</i> , Boie, Sky Lark
Dr, William B, Butt |
| 382✓ | 131 | <i>Carpodacus purpureus</i> , Gray, Purple Finch
A, M, M, |
| 375✓ | 132 | <i>Chrysomitris tristis</i> , Bonap, Yellow Bird
A, M, M, |

Crania of Birds

376 ✓	133	<i>Chrysomitris tristis</i> , Bonap, Yellow Bird A, M, M,
377 ✓	134	<i>Fringilla canaria</i> , Linné, Canary Bird A, M, M,
378 ✓	135	<i>Fringilla canaria</i> , Linné, Canary Bird A, M, M,
379 ✓	136	<i>Fringilla canaria</i> , Linné, Canary Bird A, M, M,
4010 ✓	137	<i>Fringilla canaria</i> , Linné, Canary Bird William, G, Schaphirt
374 ✓	138	<i>Curvirostra americana</i> , Wilson, Red Crossbill A, M, M,
383 ✓	139	<i>Passerculus savanna</i> , Bonap, Savannah Sparrow A, M, M,
384 ✓	140	<i>Passerculus savanna</i> , Bonap, Savannah Sparrow A, M, M,
385 ✓	141	<i>Passerculus savanna</i> , Bonap, Savannah Sparrow A, M, M,
371 ✓	142	<i>Zonotrichia albicollis</i> , Bonap, White-throated Sparrow A, M, M,
372 ✓	143	<i>Zonotrichia albicollis</i> , Bonap, White-throated Sparrow A, M, M,
373 ✓	144	<i>Zonotrichia albicollis</i> , Bonap, White-throated Sparrow A, M, M,

386✓	145	<i>Junco hyemalis</i> , Sclat,	Snow Bird A, M, M,
387✓	146	<i>Junco hyemalis</i> , Sclat,	Snow Bird A, M, M,
388✓	147	<i>Junco hyemalis</i> , Sclat,	Snow Bird A, M, M,
389✓	148	<i>Junco hyemalis</i> , Sclat,	Snow Bird A, M, M,
390✓	149	<i>Spizella monticola</i> , Baird,	Tree Sparrow A, M, M,
380✓	150	<i>Spizella pusilla</i> , Bonap.	Field Sparrow A, M, M,
381✓	151	<i>Spizella socialis</i> , Bonap,	Chipping Sparrow A, M, M,
392✓	152	<i>Melospiza melodia</i> , Baird,	Song Sparrow A, M, M,
976✓	153	<i>Melospiza fallax</i> , Baird, Rocky mountain Sparrow Dr, Edward Palmer, A, A, Surgeon U, S, A,	
369✓	154	<i>Melospiza palustris</i> , Baird,	Swamp Sparrow A, M, M,
370✓	155	<i>Melospiza palustris</i> , Baird,	Swamp Sparrow A, M, M,
368✓	156	<i>Passerella iliaca</i> , Swain,	Fox-collared Sparrow A, M, M,

Crania of Birds

367✓	157	<i>Euspsiza americana</i> , Bonap, Black-throated Bunting A, M, M,
391✓	158	<i>Cyanospiza cyanea</i> , Baird, Indio Bird A, M, M,
40✓	159	<i>Cardinalis virginianus</i> , Bonap, Red Bird Frederic Schaphirt, A, A, Surgeon U, S, A,
360✓	160	<i>Cardinalis virginianus</i> , Bonap, Red Bird A, M, M,
361✓	161	<i>Cardinalis virginianus</i> , Bonap, Red, Bird A, M, M,
362✓	162	<i>Cardinalis virginianus</i> , Bonap, Red Bird A, M, M,
363✓	163	<i>Pipilo erythrophthalmus</i> , Vieill, Ground Robin A, M, M,
364✓	164	<i>Pipilo erythrophthalmus</i> , Vieill, Ground Robin A, M, M,
365✓	165	<i>Pipilo erythrophthalmus</i> , Vieill, Ground Robin A, M, M,
366✓	166	<i>Pipilo erythrophthalmus</i> , Vieill, Ground Robin A, M, M,
37✓	167	<i>Dolichonyx oryzivorus</i> , Swainson, Boblink Frederic Schaphirt A, A, Surgeon U, S, A,
79✓	168	<i>Dolichonyx oryzivorus</i> , Swainson, Boblink Frederic Schaphirt, A, A, Surgeon U, S, A,

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| 394 | ✓ | 169 | <i>Dolichonyx oryzivorus</i> , Swainson, Boblink
A, M, M, |
| 395 | ✓ | 170 | <i>Dolichonyx oryzivorus</i> , Swainson, Boblink
A, M, M, |
| 396 | ✓ | 171 | <i>Melothrus pecoris</i> , Swainson, Cow Bird
A, M, M, |
| 397 | ✓ | 172 | <i>Agelaius phoeniceus</i> , Vieill, Swamp Blackbird
A, M, M, |
| 70 | ✓ | 173 | <i>Agelaius phoeniceus</i> , Vieill, Swamp Blackbird
Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 398 | ✓ | 174 | <i>Agelaius phoeniceus</i> , Vieill, Swamp Blackbird
A, M, M, |
| 399 | ✓ | 175 | <i>Agelaius phoeniceus</i> , Vieill, Swamp Blackbird
A, M, M, |
| 400 | ✓ | 176 | <i>Sturnella magna</i> , Swainson, Meadow Lark
A, M, M, |
| 401 | ✓ | 177 | <i>Sturnella magna</i> , Swainson, Meadow Lark
A, M, M, |
| 402 | ✓ | 178 | <i>Sturnella magna</i> , Swainson, Meadow Lark
A, M, M, |
| 403 | ✓ | 179 | <i>Icterus baltimore</i> , Daudin, Baltimore Oriole
A, M, M, |
| 404 | ✓ | 180 | <i>Scolecophagus ferrugineus</i> , Swain, Rusty Blackbird
A, M, M, |

Crania of Birds

405✓	181	<i>Scolecophagus ferrugineus</i> , Swain, Rusty Blackbird A, M, M,
406✓	182	<i>Scolecophagus ferrugineus</i> , Swain, Rusty Blackbird A, M, M,
939✓	183	<i>Scolecophagus cyanocephalus</i> , Cal, Brewers Blackbird Smithsonian Institution
39✓	184	<i>Quiscalus versicolor</i> , Vieill, Crow Blackbird Frederic Schaphirt, A, A, Surgeon U, S, A,
407✓	185	<i>Quiscalus versicolor</i> , Vieill, Crow Blackbird A, M, M,
408✓	186	<i>Quiscalus versicolor</i> , Vieill, Crow Blackbird A, M, M,
409✓	187	<i>Quiscalus versicolor</i> , Vieill, Crow Blackbird A, M, M,
410✓	188	<i>Corvus carnivorus</i> , Bartram, American Raven A, M, M,
707✓	189	<i>Corvus carnivorus</i> , Bartram, American Raven Dr, B, B, Miles, A, A, Surgeon U, S, A,
927✓	190	<i>Corvus carnivorus</i> , Bartram, American Raven Smithsonian Institution
411✓	191	<i>Corvus cryptoleucus</i> , Couch, White-necked Crow A, M, M,
412✓	192	<i>Corvus americanus</i> , Audubon, Common Crow A, M, M,

Crania of BirdsGeneral
Number
of
Division

- 413✓ 193 *Corvus americanus*, Audubon, Common Crow
A, M, M,
- 838✓ 194 *Corvus americanus*, Audubon, Common Crow
Dr. George, M. Sternberg, Brev. Major U, S, A,
- 414✓ 195 *Corvus ossifragus*, Wilson, Fish Crow
A, M, M,
- 926✓ 196 *Picicorvus columbianus*, Bonap, Clarke's Crow
Smithsonian Institution
- 949✓ 197 *Picicorvus columbianus*, Bonap, Clarke's Crow
Dr. Edward Palmer, A, A, Surgeon U, S, A,
- 971✓ 198 *Gymnoritta cyanocephala*, Pr. Max, Prince Maximilian's
Jay, Dr. Edward Palmer, A, A, Surgeon U, S, A,
- 415✓ 199 *Cyanura cristata*, Swainson, Blue Jay
A, M, M,
- 416✓ 200 *Cyanura cristata*, Swainson, Blue Jay
A, M, M,
- 417✓ 201 *Cyanura cristata*, Swainson, Blue Jay
A, M, M,
- 418✓ 202 *Cyanura cristata*, Swainson, Blue Jay
A, M, M,
- 419✓ 203 *Perisoreus canadensis*, Bonap, Canada Jay
A, M, M,
- 420✓ 204 *Columba domestica* Linne', Common Pigeon
A, M, M,

Crania of Birds

421	205	<i>Columba domestica</i> , Linné, Common Pigeon A, M, M,
422	206	<i>Columba domestica</i> , Linné, Common Pigeon A, M, M,
423	207	<i>Columba domestica</i> , Linné, Common Pigeon A, M, M,
424	208	<i>Ectopistes migratoria</i> , Swain, Wild Pigeon A, M, M,
425	209	<i>Zenaidura carolinensis</i> , Bonap, Common Dove A, M, M,
426	210	<i>Zenaidura carolinensis</i> , Bonap, Common Dove A, M, M,
427	211	<i>Zenaidura carolinensis</i> , Bonap, Common Dove A, M, M,
428	212	<i>Zenaidura carolinensis</i> , Bonap, Common Dove A, M, M,
429	213	<i>Meleagris gallopavo</i> , Linné, Wild Turkey A, M, M,
430	214	<i>Meleagris gallopavo</i> , Linné, Wild Turkey A, M, M,
586	215	<i>Tavo cristatus</i> , Linné, Pea Cock Herman Faber, Hosp. Steward U, S, A,
965	216	<i>Meleagris mexicana</i> , Gould, Mexican Turkey Dr. Edward Palmer, A, A, Surgeon U, S, A,

General Number	Number of Division	
966 ✓	217	<i>Meleagris mexicana</i> , Gould, Mexican Turkey Dr. Edward Palmer, A. A. Surgeon U. S. A.
434 ✓	218	<i>Numida meleagris</i> , Linné, Guinea Hen A. M. M.
38 ✓	219	<i>Gallus communis</i> , Linné, Common Chicken A. M. Squier, Hosp. Steward U. S. A.
431 ✓	220	<i>Gallus communis</i> , Linné, Common Chicken A. M. M.
432 ✓	221	<i>Gallus communis</i> , Linné, Common Chicken A. M. M.
433 ✓	222	<i>Gallus communis</i> , Linné, Common Chicken A. M. M.
435 ✓	223	<i>Tetrao canadensis</i> , Linné, Spruce Partridge A. M. M.
436 ✓	224	<i>Ledioecetes phasianellus</i> , Baird, Sharp-tailed Grouse A. M. M.
437 ✓	225	<i>Cupidonia cupido</i> , Baird, Prairie Hen A. M. M.
438 ✓	226	<i>Cupidonia cupido</i> , Baird, Prairie Hen A. M. M.
439 ✓	227	<i>Cupidonia cupido</i> , Baird, Prairie Hen A. M. M.
940 ✓	228	<i>Lagopus albus</i> , Audubon, White Ptarmigan Smithsonian Institution

Cranium of Birds

34 ✓	229	<i>Ortyx virginianus</i> , Bonap., Partridge, Quail Frederic Schaphirt, A, A, Surgeon U, S, A,
77 ✓	230	<i>Ortyx virginianus</i> , Bonap., Partridge, Quail Frederic Schaphirt, A, A, Surgeon U, S, A,
78 ✓	231	<i>Ortyx virginianus</i> , Bonap., Partridge, Quail Frederic Schaphirt, A, A, Surgeon U, S, A,
440 ✓	232	<i>Ortyx virginianus</i> , Bonap., Partridge Quail A, M, M,
925 ✓	233	<i>Oreortyx pictus</i> , Baird, Plumed Partridge Smithsonian Institution
973 ✓	234	<i>Lophortyx californicus</i> , Bonap., California Quail Dr, Edward Palmer A, A, Surgeon U, S, A,
441 ✓	235	<i>Grus americanus</i> , Ord, Whooping Crane A, M, M,
442 ✓	236	<i>Demigretta ludoviciana</i> , Baird, Louisiana Heron A, M, M,
1012 ✓	237	<i>Ardea herodias</i> , Linné, Great Blue Heron A, M, M,
443 ✓	238	<i>Butorides</i> , <i>virescens</i> , Bonap., Green Heron A, M, M,
444 ✓	239	<i>Butorides</i> , <i>virescens</i> , Bonap., Green Heron A, M, M,
445 ✓	240	<i>Butorides</i> <i>virescens</i> , Bonap., Green Heron A, M, M,

General
Number
Number
of
Division

446 ✓ 241

Nyctherodias gardni, Baird, Night Heron
A, M, M,

447 ✓ 242

Ibis alba, Vieillot, White Ibis
A, M, M,

448

448 ✓ 243

Ibis ordii, Bonaparte, Glossy Ibis
A, M, M,

1016 ✓ 244

Platalia ajaja, Linné, Rosy Spoonbill
Dr. Spohn, A, A, Surgeon U, S, A,

868 ✓ 245

Charadrius virginicus, Borek, Golden Plover
A, M, M,

920 ✓ 246

Charadrius virginicus, Borek, Golden Plover
Smithsonian Institution

606 ✓ 247

Aegialitis vociferus, Cassin, Killdeer
A, M, M,

607 ✓ 248

Aegialitis vociferus, Cassin, Killdeer
A, M, M,

991 ✓ 249

Aegialitis vociferus, Cassin, Killdeer
Dr. Edward Palmer, A, A, Surgeon U, S, A,

449 ✓ 250

Philohela minor, Gray, American Woodcock
A, M, M,

450 ✓ 251

Gallinago wilsonii, Bonap. English Snipe
A, M, M,

898 ✓ 252

Gallinago wilsonii, Bonap. English Snipe
Dr. N. E. Whitehead, Assist, Surgeon U, S, A,

Grania of Birds

- | | |
|----------|--|
| 451✓253 | <i>Tringa americana</i> , Cassin, Red-backed Sandpiper
A, M, M, |
| 452✓254 | <i>Gambetta flavipes</i> , Bonap. Yellow Legs,
A, M, M, |
| 453✓255 | <i>Phyacophilus Solitarius</i> , Bonap. Solitary Sandpiper
A, M, M, |
| 454✓256 | <i>Tringoides macularius</i> , Gray, Spotted Sandpiper
A, M, M, |
| 455✓257 | <i>Tringoides macularius</i> , Gray, Spotted Sandpiper
A, M, M, |
| 456✓258 | <i>Limosa fedoa</i> , ord
A, M, M, |
| 458✓259 | <i>Numenius longirostris</i> , Wilson, Long-billed Curlew
A, M, M, |
| 459✓260 | <i>Numenius longirostris</i> , Wilson, Long-billed Curlew
A, M, M, |
| 1079✓261 | <i>Numenius longirostris</i> , Wilson, Long-billed Curlew
Donator unknown |
| 457✓262 | <i>Numenius hudsonicus</i> , Latham, Hudsonian Curlew
A, M, M, |
| 928✓263 | <i>Numenius borealis</i> , Latham, Esquimaux Curlew
Smithsonian Institution |
| 929✓264 | <i>Numenius borealis</i> , Latham, Esquimaux Curlew
Smithsonian Institution |

Crania of Birds

General Number	Number of Specimens	
977✓	265	<i>Rallus virginianus</i> , Linne', Virginia Rail Dr. Edward Palmer, A. A. Surgeson U. S. A.
460✓	266	<i>Gorzana carolina</i> Vieill, Common Rail A, M, M,
461✓	267	<i>Gorzana carolina</i> , Vieill, Common Rail A, M, M,
462✓	268	<i>Fulica americana</i> , Gmelin, Coot, Waterhen A, M, M,
463✓	269	<i>Fulica americana</i> , Gmelin, Coot, Waterhen A, M, M,
464✓	270	<i>Fulica americana</i> , Gmelin, Coot, Waterhen A, M, M,
465✓	271	<i>Cygnus americanus</i> , Sharpless, American Swan A, M, M,
901✓	272	<i>Cygnus americanus</i> , Sharpless, American Swan Dr. Warwick Evans
902✓	273	<i>Cygnus americanus</i> , Sharpless, American Swan Dr. L. E. Reutenberg
930✓	274	<i>Anser hyperboreus</i> , Gallas, Snow Goose Smithsonian Institution
466✓	275	<i>Anser domesticus</i> , Linne', Common Goose A, M, M,
467✓	276	<i>Anser domesticus</i> , Linne', Common Goose A, M, M,

Crania of Birds

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| 468 | 277 | <i>Anser domesticus</i> , Linné, Common Goose
A, M, M, |
| 469 | 278 | <i>Anser domesticus</i> , Linné, Common Goose
A, M, M, |
| 470 | 279 | <i>Bernicla canadensis</i> , Boie, Canada Goose
A, M, M, |
| 471 | 280 | <i>Bernicla canadensis</i> , Boie, Canada Goose
A, M, M, |
| 472 | 281 | <i>Bernicla canadensis</i> , Boie, Canada Goose
A, M, M, |
| 931 | 282 | <i>Bernicla hutchinsii</i> , Bonap, Hutchins Goose
Smithsonian Institution |
| 932 | 283 | <i>Bernicla hutchinsii</i> , Bonap, Hutchins Goose
Smithsonian Institution |
| 933 | 284 | <i>Bernicla hutchinsii</i> , Bonap, Hutchins Goose
Smithsonian Institution |
| 473 | 285 | <i>Bernicla brenta</i> , Stephens, Brant
A, M, M, |
| 474 | 286 | <i>Bernicla brenta</i> , Stephens, Brant
A, M, M, |
| 941 | 287 | <i>Bernicla nigricans</i> , Cassin, Black Brant
Smithsonian Institution |
| 477 | 288 | <i>Anas boschas</i> , Linné, Mallard
A, M, M, |

Crania of Birds

General Number	Number of Division	
478✓	289	<i>Anas boschas</i> , Linné, Mallard A, M, M.
839✓	290	<i>Anas boschas</i> , Linné, Mallard Dr George M. Steinberg, Brevet Major U, S, A,
97✓	291	<i>Anas domesticus</i> , Linné, Common Duck Frederic Schaphirt, A, A, Surgeon U, S, A,
98✓	292	<i>Anas domesticus</i> , Linné, Common Duck Frederic Schaphirt, A, A, Surgeon, U, S, A,
475✓	293	<i>Anas domesticus</i> , Linné, Common Duck A, M, M,
476✓	294	<i>Anas domesticus</i> , Linné, Common Duck A, M, M,
479✓	295	<i>Anas obscura</i> , Gmelin, Black Duck A, M, M,
480✓	296	<i>Dafila acuta</i> , Temmin, Sprigtail Duck A, M, M,
481✓	297	<i>Dafila acuta</i> , Temmin, Sprigtail Duck A, M, M,
482✓	298	<i>Nettion carolinensis</i> , Baird, Green-winged Teal A, M, M,
483✓	299	<i>Nettion carolinensis</i> , Baird, Green-winged Teal A, M, M,
934✓	300	<i>Querquedula discors</i> , Steph, Blue-winged Teal Smithsonian Institution

Crania of Birds

484	✓	301	<i>Spatula clypeata</i> , Boie, Shoveller A, M, M,
485	✓	302	<i>Spatula clypeata</i> , Boie, Shoveller A, M, M,
942	✓	303	<i>Spatula clypeata</i> , Boie, Shoveller Smithsonian Institution
943	✓	304	<i>Spatula clypeata</i> , Boie, Shoveller Smithsonian Institution
486	✓	305	<i>Mareca americana</i> , Stephens, Baldpate A, M, M,
487	✓	306	<i>Mareca americana</i> , Stephens, Baldpate A, M, M,
488	✓	307	<i>Mareca americana</i> , Stephens, Baldpate A, M, M,
935	✓	308	<i>Mareca americana</i> , Stephens, Baldpate Smithsonian Institution
489	✓	309	<i>Aix sponsa</i> , Boie, Summer Duck A, M, M,
490	✓	310	<i>Aix sponsa</i> , Boie Summer Duck A, M, M,
491	✓	311	<i>Aix sponsa</i> , Boie Summer Duck A, M, M,
492	✓	312	<i>Fulix marila</i> , Baird, Big Blackhead Duck A, M, M,

- | General
Number | Number
of
Division | |
|-------------------|--------------------------|--|
| 493 | 313 | <i>Fulix affinis</i> , Baird, Little blackhead Duck
A, M, M, |
| 494 | 314 | <i>Fulix affinis</i> , Baird, Little blackhead Duck
A, M, M, |
| 495 | 315 | <i>Fulix affinis</i> , Baird, Little blackhead Duck
A, M, M, |
| 496 | 316 | <i>Fulix collaris</i> , Baird, Ring-necked Duck
A, M, M, |
| 497 | 317 | <i>Fulix collaris</i> , Baird, Ring-necked Duck
A, M, M, |
| 498 | 318 | <i>Fulix collaris</i> , Baird, Ring-necked Duck
A, M, M, |
| 499 | 319 | <i>Aythya americana</i> , Bonap, Red-head Duck
A, M, M, |
| 500 | 320 | <i>Aythya americana</i> , Bonap, Red-head Duck
A, M, M, |
| 946 | 321 | <i>Aythya americana</i> , Bonap, Red-head Duck
Smithsonian Institution |
| 947 | 322 | <i>Aythya americana</i> , Bonap, Red-head Duck
Frederic Schaphirt, A, A, Surgeon U, S, A, |
| 501 | 323 | <i>Aythya vallisneria</i> , Bonap, Canvas-back Duck
A, M, M, |
| 502 | 324 | <i>Aythya vallisneria</i> , Bonap, Canvas-back Duck
A, M, M, |

Crania of Birds

503	325	<i>Aythya vallisneria</i> , Bonap, Canvas-back Duck A, M, M,
504	326	<i>Aythya vallisneria</i> , Bonap, Canvas-back Duck A, M, M,
505	327	<i>Bucephala americana</i> , Bonap, Golden Eye A, M, M,
506	328	<i>Bucephala americana</i> , Bonap, Golden Eye A, M, M,
507	329	<i>Bucephala americana</i> , Bonap, Golden Eye A, M, M,
508	330	<i>Bucephala americana</i> , Bonap, Golden Eye A, M, M,
509	331	<i>Bucephala albeola</i> , Baird, Butter Ball A, M, M,
510	332	<i>Bucephala albeola</i> , Baird, Butter Ball A, M, M,
511	333	<i>Bucephala albeola</i> , Baird, Butter Ball A, M, M,
512	334	<i>Bucephala albeola</i> , Baird, Butter Ball A, M, M,
513	335	<i>Histrionicus torquatus</i> , Bonap, Harlequin Duck A, M, M,
514	336	<i>Harelda glacialis</i> , Leach, South Southerly A, M, M,

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| 516 | 337 | <i>Harelda glacialis</i> , Leach, South Southerly
A, M, M, |
| 918 | 338 | <i>Harelda glacialis</i> , Leach, South Southerly
Smithsonian Institution |
| 628 | 339 | <i>Melanetta velvelina</i> , Baird, velvet Duck
A, M, M, |
| 894 | 340 | <i>Lelionetta perspicillata</i> , Kaup, Surf Duck
Dr, Whitehead, Assist, Surgeon U, S, A, |
| 917 | 341 | <i>Somateria spectabilis</i> , Leach, King Eider Duck
Smithsonian Institution |
| 516 | 342 | <i>Erismatura rubida</i> , Bonap, Ruddy Duck
A, M, M, |
| 517 | 343 | <i>Erismatura rubida</i> , Bonap, Ruddy Duck
A, M, M, |
| 614 | 344 | <i>Mergus americanus</i> , Cassin, Sheldrake
A, M, M, |
| 840 | 345 | <i>Mergus americanus</i> , Cassin, Sheldrake
Dr, George M, Sternberg, Brevet, Major U, S, A, |
| 518 | 346 | <i>Lophodytes cuculatus</i> , Reich, Hooded Merganser
A, M, M, |
| 519 | 347 | <i>Lophodytes cuculatus</i> , Reich, Hooded Merganser
A, M, M, |
| 520 | 348 | <i>Pelecanus erythrorhynchus</i> , Gmelin, American Pelican
A, M, M, |

Crania of Birds

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|------|-----|---|
| 1046 | 349 | <i>Pelecanus erythorhynchus</i> , Gmelin, American Pelican
Dr. Hapkins, Assist, Surgeon U, S, A, |
| 895 | 350 | <i>Pelecanus fuscus</i> , Linné, Brown Pelican
Dr N. E. Whitehead, Assist, Surgeon U, S, A, |
| 1037 | 351 | <i>Pelecanus fuscus</i> , Linné, Brown Pelican
Lieut, S. H. Lincoln, 10 th Infant. Regt. U, S, A, |
| 521 | 352 | <i>Graculus carbo</i> , Gray, Common Cormorant
A, M, M, |
| 522 | 353 | <i>Plotus ankinga</i> , Linné, Snake Bird
A, M, M, |
| 523 | 354 | <i>Diomedea exulans</i> , Linné, Wandering Albatross
A, M, M, |
| 524 | 355 | <i>Fregatta lawrencii</i> , Bonap, the Black and White-
Stormy Petrel, A, M, M, |
| 916 | 356 | <i>Stercorarius capphus</i> , Brün, Buffons Skua
Smithsonian Institution |
| 900 | 357 | <i>Larus glaucescens</i> , Licht, Glaucous-winged Gull
Dr, N. E. Whitehead, Assist, Surgeon U, S, A, |
| 1055 | 358 | <i>Larus argentatus</i> , Brün, Herring Gull
A, M, M, |
| 525 | 359 | <i>Chroicocephalus philadelphia</i> , Lawrence, Bonapartes
Gull A, M, M, |
| 899 | 360 | <i>Chroicocephalus philadelphia</i> , Lawrence, Bonapartes
Gull, Dr. N. E. Whitehead, Assist, Surgeon U, S, A, |

611✓	361	<i>Colymbus torquatus</i> , Brünnich, Northern Diver Charles Johnson Esq.
944✓	362	<i>Colymbus arcticus</i> , Linné, Black-throated Diver Smithsonian Institution
526✓	363	<i>Colymbus pacificus</i> , Lawrence, Pacific Diver A, M, M,
527✓	364	<i>Colymbus septentrionalis</i> , Linné, Red-throated Diver A, M, M,
919✓	365	<i>Podiceps griseigena</i> , Gray, Red-necked Grebe Smithsonian Institution
720✓	366	<i>Podilymbus podiceps</i> , Lawrence, Dr. B. B. Miles, A, A, Surgeon U, S, A,
1121✓	367	<i>Podiceps cornutus</i> , Latham, Horned Grebe A, M, M,
1127✓	368	<i>Bernicla canadensis</i> , Boie, Canada Goose A, W. Ferris, U, S, A,
1132✓	369	<i>Melanetta velvetina</i> , Baird, Velvet-Duck, (fem) A, M, M.
1162✓	370	<i>Ibis alba</i> , Vieillot, White Ibis Dr. Irving J. Ross, A, A, Surgeon U, S, A,
1163✓	371	<i>Platalea ajaja</i> , Linné, Rosey Spoonbill Dr. Irving J. Ross, A, A, Surgeon U, S, A,
1197✓	372	<i>Aquila canadensis</i> , Cassin, Golden Eagle Dr. J. W. Brewer, Asst, Surgeon U, S, A,

- 1242 373 ✓ *Anser domesticus*, L., Common Goose with a posterior
fontanelle, (See Dr. George Jaegers osteology: Bemerkungen)
Mr. Herman Faber, in Philadelphia
- 1291 374 ✓ *Gallinago wilsonii*, Bonap. English Snipe
A. M. M.
- 1299 375 ✓ *Accipiter fuscus*, Bonap. Sharp-shinned Hawk
A. M. M.
- 1329 376 ✓ *Sphyrapicus varius*, Baird, Yellow-bellied Woodpecker
Dr. Elliot Coues, Asst, Surgeon U, S, A.
- 1330 377 ✓ *Dendroica aestiva*, Baird, Yellow Warbler
Dr. Elliot Coues, Asst, Surgeon U, S, A.
- 1332 378 ✓ *Dendroica aestiva*, Baird, Yellow Warbler
Dr. Elliot Coues, Asst, Surgeon U, S, A.
- 1333 379 ✓ *Passerculus savanna*, Bonap, Savannah Sparrow
Dr. Elliot Coues, Asst, Surgeon U, S, A.
- 1334 380 ✓ *Passerculus savanna*, Bonap, Savannah Sparrow
Dr. Elliot Coues, Asst, Surgeon U, S, A.
- 1336 381 ✓ *Sphyrapicus varius*, Baird, Yellow-bellied Woodpecker
Dr. Elliot Coues, Asst, Surgeon, U, S, A.
- 1337 382 ✓ *Melanerpes erythrocephalus*, Sw, Red-headed Woodpecker
Dr. Elliot Coues, Asst, Surgeon U, S, A.
- 1340 383 ✓ *Tyrannus carolinensis*, Baird, King-Bird
Dr. Elliot Coues, Asst Surgeon U, S, A.
- 1341 384 ✓ *Tyrannus carolinensis*, Baird, King-Bird
Dr. Elliot Coues, Asst, Surgeon U, S, A.

- 1343✓ 385 *Tringa maculata*, Vieill, Jack-Snipe
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1345✓ 386 *Guiraca ludoviciana*, Sw, Rose-breasted Grosbeak
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1348✓ 387 *Cistothorus stellaris*, Cab, Short-billed Marsh Wren
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1349✓ 388 *Helminthophaga peregrina*, Cab, Tennessee Warbler
Dr. Elliot Coues, Asst, Surgeon, U. S. A.
- 1351✓ 389 *Strix (flammea, L) praticola*, Bonap, Barn Owl
Mr. Kennedy, Hosp, Steward U. S. A.
- 1370✓ 390 *Picus villosus*, Linn, Hairy Woodpecker
Dr. H. C. Yarrow
- 1371✓ 391 *Parus carolinensis*, Aud, Carolina Titmouse
Dr. H. C. Yarrow
- 1372✓ 392 *Parus carolinensis*, Aud, Carolina Titmouse
Dr. H. C. Yarrow
- 1373✓ 393 *Parus carolinensis*, Aud, Carolina Titmouse
Dr. H. C. Yarrow
- 1374✓ 394 *Parus carolinensis*, Aud, Carolina Titmouse
Dr. H. C. Yarrow
- 1375✓ 395 *Carpodacus purpureus*, Gray, Purple Finch
Dr. H. C. Yarrow
- 1376✓ 396 *Chrysomitris tristis*, Bonap, Yellow Bird
Dr. H. C. Yarrow

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| 1377 ✓ | 397 | <i>Zonotrichia albicollis</i> , Bonap., White-throated Sparrow
Dr. H. C. Yarrow |
| 1378 ✓ | 398 | <i>Spizella monticola</i> , Baird, Tree Sparrow
Dr. H. C. Yarrow |
| 1379 ✓ | 399 | <i>Melospiza melodia</i> , Baird, Song Sparrow
Dr. H. C. Yarrow |
| 1391 ✓ | 400 | <i>Picicorvus columbianus</i> , Bonap., Clarke Crow
Dr. H. C. Yarrow |
| 1392 ✓ | 401 | <i>Cyrtornyx massena</i> Gould, Massena Partridge
Dr. H. C. Yarrow |
| 1428 ✓ | 402 | <i>Centrocercus urophasianus</i> , Swain, Cock of the Plains
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1429 ✓ | 403 | <i>Ledieocetes phasianellus</i> , Baird, Pallet of Sharp-tailed Grouse
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1431 ✓ | 404 | <i>Geothlypis macgillivrayi</i> , Baird, Macgillivray's Warbler
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1435 ✓ | 405 | <i>Steganopus Wilsonii</i> , Coues, Wilson's Sandpiper
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1436 ✓ | 406 | <i>Steganopus wilsonii</i> , Coues, Wilson's Sandpiper
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1447 ✓ | 407 | <i>Spizella pusilla</i> , Bon. Field Sparrow.
Dr. H. C. Yarrow. A. A. Surgeon U. S. A. |
| 1449 ✓ | 408 | <i>Selasphorus platycercus</i> , Gould, Broad-tailed Humming-Bird,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |

- 1450 ✓ 409 *Selasphorus platycercus* Gould, Broad-tailed Humming Bird, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1451 ✓ 410 *Selasphorus platycercus* Gould, Broad-tailed Humming Bird, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1453 ✓ 411 *Selasphorus rufus*, Sw. Red-tailed Humming Bird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1454 ✓ 412 *Selasphorus rufus*, Sw. Red-tailed Humming Bird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1456 ✓ 413 *Trachylus alexandri*, Muls, Black-chinned Humming Bird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1457 ✓ 414 *Trachylus alexandri*, Muls, Black-chinned Humming Bird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1458 ✓ 415 *Trachylus alexandri*, Muls, Black-chinned Humming Bird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1460 ✓ 416 *Vireo vicinior*,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1466 ✓ 417 *Geococcyx californianus*, Baird, Chaparral Cock
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1467 ✓ 418 *Corvus corax*, Linne', Black Raven
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1472 ✓ 419 *Icterus bullockii*, Bonap. Bullocks Oriole
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1481 ✓ 420 *Ereunetes pusillus*, —, Arizona Sandpiper
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.

- 1485✓421 *Buteo calurus*, Cassin, Red-tailed Black-Hawk
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1486✓422 *Calamospiza bicolor*, Bonap. Lark-Bunting
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1488✓423 *Spizella arizonae*, Arizona Sparrow
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1489✓424 *Pipilo mesoleucus*, Baird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1490✓425 *Columba fasciata*, Say, Band-tailed Pigeon
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1491✓426 *Picus harrisii*, Aud. Harris Woodpecker
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1493✓427 *Chrysomitris psaltria*, Bonap. Arkansas Finch
Dr. H. C. Yarrow A. A. Surgeon U. S. A.
- 1495✓428 *Lophophanes inornatus*, Cassin,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1497✓429 *Pyrranga hepatica*, Swainson,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1499✓430 *Hirundo horreorum*, Barton, Barn-Swallow
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1500✓431 *Pangptila oaxitilis*, Swift
Dr. H. C. Yarrow A. A. Surgeon U. S. A.
- 1501✓432 *Carpodacus frontalis*, Grey, House Finch
Dr. H. C. Yarrow A. A. Surgeon U. S. A.

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| 1503✓ | 433 | <i>Spizella breweri</i> , Cassin, Brewers Sparrow
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1504✓ | 434 | <i>Spizella breweri</i> , Cassin, Brewers Sparrow
Dr. H. C. Yarrow A. A. Surgeon U. S. A. |
| 1508✓ | 435 | <i>Contopus richardsonii</i> , Baird, Short-legged Pewee
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1510✓ | 436 | <i>Pyrranga cooperii</i> , Coopers Tanager
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1511✓ | 437 | <i>Hedymeles melanocephalus</i> .
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1513✓ | 438 | <i>Troglodytes parkmanii</i> , Aud, Parkmans Wren
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1514✓ | 439 | <i>Cotyle serrispennis</i> , Bonap, Rough-winged Swallow
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1516✓ | 440 | <i>Campylorhynchus brunneicapillus</i> , Gray
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1518✓ | 441 | <i>Lunco cinereus</i> , Cab.
Dr. H. C. Yarrow A. A. Surgeon U. S. A. |
| 1520✓ | 442 | <i>Icterus bullockii</i> , Bonap, Bullocks oriol
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1567✓ | 443 | <i>Harporhynchus rufivius</i> , Cab.
George M. Wheeler, Lieut. of Engineers |
| 1568✓ | 444 | <i>Corvus carnivorus</i> , Baird, American Raven
George, M. Wheeler, Lieut. of Engineers
This is not carnivorus, but <i>Corvus americanus</i> , Aud, Schaphirt |

Crania of Birds

- 1594 ✓ 445 *Falco sparverius*, L, Sparrow-Hawk,
Dr. Chas Chesney, A, A, Surgeon U. S. A.
- 1598 ✓ 446 *Precurvirostra americana*, Gmel: Blue-Stocking
Dr. Chas, Ew, Chesney A, A, Surgeon U. S. A.
- 1599 ✓ 447 *Precurvirostra americana*, Gmel, Blue-Stocking
Dr. Chas Ew, Chesney, A, A Surgeon U. S. A.
- 1602 ✓ 448 *Sterna forsterii*, Nutt, Forsters Tern
Dr. Chas, Ew, Chesney, A, A, Surgeon U. S. A.
- 1603 ✓ 449 *Sterna forsterii*, Nutt, Forsters Tern
Dr. Chas, Ew, Chesney, A, A, Surgeon U. S. A.
- 1604 ✓ 450 *Sterna forsterii*, Nutt, Forsters Tern.
Dr. Chas, Ew, Chesney, A, A, Surgeon U. S. A.
- 1607 ✓ 451 *Totanus semipalmata*, Willet, Semipalmated Tattler
Dr. Chas, Ew, Chesney, A, A, Surgeon U. S. A.
- 1608 ✓ 452 *Totanus semipalmata*, Willet, Semipalmated Tattler
Dr. Chas, Ew, Chesney, A, A, Surgeon U. S. A.
- 1609 ✓ 453 *Totanus semipalmata*, Willet, Semipalmated Tattler
Dr. Chas, Ew, Chesney, A, A, Surgeon U. S. A.
- 1610 ✓ 454 *Calamospiza bicolor*, Bonap. Lark-Bunting
Dr. Chas. Ew, Chesney, A, A, Surgeon U. S. A.
- 1613 ✓ 455 *Sturnella neglecta*, Aud western field Lark
Dr. Chas, Ew, Chesney A, A, Surgeon U. S. A.
- 1614 ✓ 456 *Sturnella neglecta*, Aud, western field Lark
Dr. Chas, Ew, Chesney, A, A, Surgeon U. S. A.

- 1615 ✓ 457 *Sturnella neglecta*, Aud., Western field Sturn
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1617 ✓ 458 *Tringa minutilla*, Vieil., Least Sandpiper
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1618 ✓ 459 *Tringa minutilla*, Vieil., Least Sandpiper
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1619 ✓ 460 *Tringa minutilla*, Vieil., Least Sandpiper
Dr. Chas. Ew. Chesney, A. A. ~~L~~ Surgeon U. S. A.
- 1621 ✓ 461 *Progne purpurea*, Boie, Purple martin
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1622 ✓ 462 *Progne purpurea*, Boie, Purple martin
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1623 ✓ 463 *Progne purpurea*, Boie, Purple martin
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1626 ✓ 464 *Tringa bairdii*, Coues, Bairds Sandpiper
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1627 ✓ 465 *Icterus baltemore*, Wilson, Baltimore Oriole
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1629 ✓ 466 *Cotyle riparia*, Boie, Bank-Swallow
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1631 ✓ 467 *Tringa bonapartei*, Coues, White rumped Sandpiper
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
- 1632 ✓ 468 *Tringa bonapartei*, Coues, white rumped, Sandpiper
Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.

1633	469	<i>Tringa bonapartei</i> , Coues, white rumped Sand piper Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
1634	470	<i>Tringa bonapartei</i> , Coues, white rumped Sand piper Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
1636	471	<i>Euspiza americana</i> , Bonap. Black-throated Bunting Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
1637	472	<i>Euspiza americana</i> , Bonap. Black-throated Bunting Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
1638	473	<i>Euspiza americana</i> , Bonap. Black-throated Bunting Dr. Chas. Ew. Chesney, A. A. Surgeon U. S. A.
1642	474	<i>Tyrannus verticalis</i> , Say, Arkansas Flycatcher Dr. Chas. Ew. Chesney, A. A. Surgeon, U. S. A.
1643	475	<i>Tyrannus verticalis</i> , Say, Arkansas Flycatcher Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A.
1644	476	<i>Tyrannus verticalis</i> , Say, Arkansas Flycatcher Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A.
1645	477	<i>Tyrannus verticalis</i> , Say, Arkansas Flycatcher Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A.
1648	478	<i>Chordeiles virginianus</i> , Coues, Night-Hawk Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A.
1649	479	<i>Chordeiles virginianus</i> Coues, Night-Hawk Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A.
1650	480	<i>Chordeiles virginianus</i> , Coues, Night-Hawk Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A.

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| 1653 | ✓ 481 | <i>Fringa maculata</i> , Vieill, Pectoral Sandpiper
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A. |
| 1655 | ✓ 482 | <i>Hydrochelidon fissipes</i> , Coues, Black-Tern
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A. |
| 1657 | ✓ 483 | <i>Larus argentatus</i> , Brunn, Herring-Gull
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A. |
| 1659 | ✓ 484 | <i>Actiturus bartramius</i> , Bonap. Upland Plover
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A. |
| 1660 | ✓ 485 | <i>Actiturus bartramius</i> , Bonap. Upland Plover
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A. |
| 1663 | 486 | <i>Poocetes gramineus</i> , Baird, Grass-Finch
Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A. |
| 1664 | 487 | <i>Poocetes gramineus</i> , Baird, Grass-Finch
Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A. |
| 1665 | ✓ 488 | <i>Poocetes gramineus</i> , Baird, Grass-Finch
Dr. Chas. Ew. McChesney, A. A. Surgeon U. S. A. |
| 1668 | ✓ 489 | <i>Querquedula cyanoptera</i> , Baird, Red-breasted Teal
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1672 | ✓ 490 | <i>Centrocercus urophasianus</i> , Baird, Cock of the Plains
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1673 | ✓ 491 | <i>Centrocercus urophasianus</i> , Baird, Cock of the Plains
Dr. Elliot Coues, Asst. Surgeon U. S. A. |
| 1674 | 492 | <i>Centrocercus urophasianus</i> , Baird, Cock of the Plains
Dr. Elliot Coues, Asst. Surgeon U. S. A. |

- 1675/493 *Grus canadensis*, Temm, Sand-hill Crane
Dr. Elliot Coues, Asst Surgeon U. S. A.
- 1676/494 *Recurvirostra americana*, Gmel, Avocet
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1677/495 *Tetrao canadensis*, L, Spruce Partridge
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1678/496 *Tetrao canadensis*, L, Spruce Partridge
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1679/497 *Tetrao canadensis*, L, Spruce Partridge
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1681/498 *Aegialitis montanus*, Cassin, Mountain Plover
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1682/499 *Aegialitis montanus*, Cassin, Mountain Plover
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1683/500 *Aegialitis montanus*, Cassin, Mountain Plover
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1684/501 *Plectrophanes macrourus*, Lawrence
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1685/502 *Buteo swainsonii*, Bonap, Swainsons Buzzard
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1689/503 *Pelicanus trachyrhynchus*, Lath, white Pelican
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1691/504 *Chaulelasmus streperus*, Gray, Gadwall Duck
Dr. Ew. M. Chesney, A. A, Surgeon U. S. A.

- 1692 ✓ 505 *Chaulelasmus streperus*, Gray, Gadwall Duck
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1693 ✓ 506 *Chaulelasmus streperus*, Gray, Gadwall Duck
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1694 ✓ 507 *Chaulelasmus streperus*, Gray, Gadwall Duck
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1695 ✓ 508 *Bucephala islandica*, Baird, Barrow's Golden Eye
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1696 ✓ 509 *Bucephala islandica*, Baird, Barrow's Golden Eye
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1698 ✓ 510 *Limosa fedasa*, ord, Great marbled Godwit
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1699 ✓ 511 *Graculus dilophus*, Gray, double crested Cormorant
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1700 ✓ 512 *Graculus dilophus*, Gray, double crested Cormorant
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1702 ✓ 513 *Sterna hirundo*, Coes, Common Tern,
Dr. Ew. M'Chesney, A.A. Surgeon U. S. A.
- 1738 514 ✓ *Geococcyx californianus*, Baird, Chaparral Cock
Dr. H. C. Varrow, A.A. Surgeon U. S. A.
- 2076 515 ✓ *Grus americanus*, ord, Whooping Crane, Ft Larned
Kansas, Dr. Francis H. Atkins, A.A. Surg U. S. A. January 1878
- 2079 516 ✓ *Colaptes mexicanus*, Swain, Red shafted Flicker, Camps
Supply, January 30th 1878, Dr F. H. Atkins A.A. Surg U. S. A.

2082. 517✓ *Buteo borealis*, Gmel, Hen Hawk, Camp Supply, January 30th, 1878, Dr F. H. Atkins, A. A. Surgeon U. S. A.
-
- 2091 518✓ *Brachyotus carrinii*, Brewer, Short-eared Owl, Washoe Lake August 1877, Lt. Wheelers exploration, H. W. Henshaw
-
- 2092 519✓ *Pelecanus erythrorhynchos*, Gmel, Pyramid Lake Nevada, May 1877 Lt. Wheelers exploration, H. W. Henshaw
-
- 2095 520✓ *Caryodacus cassinii*, Baird, Colorado 1877, Lt. Wheelers exploration, H. W. Henshaw
-
- 2096 521✓ *Symphemia semipalmata*, Harth, Washoe Lake Nevada, May 1877, Lt. Wheelers exploration, H. W. Henshaw
-
- 2097 522✓ *Ibis gurauna*, — Washoe Lake Nevada, May 1877 Lt. Wheelers exploration, H. W. Henshaw
-
- 2098 523✓ *Grus canadensis*, Temm, Cold Springs Cal^o May 1877 Lt. Wheelers exploration, H. W. Henshaw
-
- 2099 524✓ *Himantopus nigricollis*, Vieill, Washoe Lake, May 1877 Lt. Wheelers exploration, H. W. Henshaw
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- 2100 525✓ *Recurvirostra americana*, Gmel, Washoe Lake, May 1877 Lt. Wheelers exploration, H. W. Henshaw
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- 2105 526✓ *Hydrochelidon plumbea*, Wilson, Washoe Lake, May 1877 Lt. Wheelers exploration, H. W. Henshaw
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- 2106 527✓ *Querquedula cyanoptera*, Baird, Washoe Lake May 1877 Lt. Wheelers exploration, H. W. Henshaw
-
- 2107 528✓ *Haliaeetus leucocephalus*, Savig, Eagle Lake Cal^o July 1877 Lt. Wheelers exploration, H. W. Henshaw
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- 2108 529 ✓ *Tenunculus sparverius*, Linné, Carson Nevada May 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2109 530 ✓ *Podiceps occidentalis*, Lawr, Washoe Lake, May 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2110 531 ✓ ^{*G. maculosa*} *Queraca melanocephala*, — Carson Nevada, Novemb 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2112 532 ✓ *Chondestes grammacus*, Bon, Carson Nevada, May 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2114 533 ✓ *Sterna forsterii*, Nutt, Washoe Lake, Nevada, May 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2115 534 ✓ *Progne kubis*, — Honey Lake Col^a June 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2116 535 ✓ ^{*Ag. desm.*} *Melanerpes torquatus*, Bon, Carson, Nevada, May 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2117 536 ✓ *Zonotrichia leucophrys*, Sw, Carson Nevada May 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2118 537 ✓ *Icterus bullockii*, Bon, Carson Nevada, May 1877
Lt. Wheelers exploration, H. W. Henshaw
- 2119 538 ✓ *Querquedula cyanoptera*, Baird, Washoe Lake, May 1877, Lt. Wheelers exploration, H. W. Henshaw
- 2121 539 ✓ *Picus albolarvatus*, Baird, Honey Lake Nevada July 1877, Lt. Wheelers exploration H. W. Henshaw
- 2122 540 ✓ *Phalaropus hyperboreus*, Timm, Washoe Lake, May 1877
Lt. Wheelers exploration, H. W. Henshaw

- 2123 541✓ *Phalaropus hyperboreus*, Temm, Washae Lake, May 1877
Lt. Wheelers exploration, H. W. Henshaw
-
- 2128 542✓ *Sayornis fusca*, Baird, Pewee, Nottingham Md, March 21st
1878, Dr. H. C. Tarrow, A. A. Surgeon U. S. A
-
- 2131 543✓ *Picus pubescens*, Linne', Nottingham Md, March 21st
1878, Dr. H. C. Tarrow, A. A. Surgeon U. S. A
-
- 2164 544✓ *Colaptes mexicanus*, Swains, Red shafted flicker, Camp Supply
April 6th 1878, Dr. S. E. Wilcox, Asst, Surgeon U. S. A,
-
- 2187 545✓ *Branta bernicla*, Wilson, Brant-Goose, Camp Supply
Sept, 30th 1878, Dr. S. E. Wilcox, Asst, Surgeon U. S. A
-
- 2189 546✓ *Ardea herodias*, L, Great Blue Heron, Camp. Supply
Sept, 30th 1878, S. Kitching Hosp. Steward U. S. A
-
- 2196 547✓ *Lophophanes bicolor*, Bon. Tufted Titmouse, Madisonville Ohio
Nov. 3rd 1878, Frank W. Langdon Esq
-
- 2198 548✓ *Sitta carolinensis*, Gm, white bellied Nuthatch, Madisonville Ohio
Nov 3rd 1878, Frank W. Langdon Esq
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- 2199 549✓ *Sitta carolinensis*, Gm, white bellied Nuthatch Madisonville Ohio
Nov 3rd 1878, Frank Langdon Esq.
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- 2201 550✓ *Melospiza melodia*, Baird, Song Sparrow, Madisonville Ohio, Nov 3rd
1878, Frank W. Langdon Esq.
-
- 2202 551✓ *Melospiza melodia*, Baird, Song Sparrow, Madisonville Ohio
Nov, 3rd 1878, Frank W. Langdon Esq
-
- 2209 552✓ *Belanus leucurus*, Bonap, White-tailed Hawk, Camp Supply
Febr, 13th 1879, Dr. J. D. Hall, Asst, Surgeon U. S. A,

- 2227 553 ✓ *Ardea egretta*, Wilson, California July 1878
Lieut, George M. Wheeler U. S. A,
- 2228 554 ✓ *Buteo calurus*, Cassin, Oregon August 10th 1878
Lieut, George M. Wheeler U. S. A,
- 2229 555 ✓ *Buteo calurus*, Cassin, Oregon August 10th 1878
Lieut, George M. Wheeler U. S. A,
- 2230 556 ✓ *Falco polyagrus*, Cassin, Oregon August 31st 1878,
Lieut, George M. Wheeler U. S. A,
- 2233 557 ✓ *Selasphorus rufus*, Sw. California 1878,
Lieut, George M. Wheeler U. S. A,
- 2248 558 ✓ *Sterna anglica*, Nutt, Marsh Tern, Cobbs Island August 1st
1879, Dr. H. W. Henshaw, Washington D. C,
- 2249 559 ✓ *Sterna anglica*, Nutt, Marsh Tern, Cobbs Island, August
1st 1879, Dr. H. W. Henshaw, Washington D. C,
- 2250 560 ✓ *Sterna anglica*, Nutt, Marsh Tern, Cobbs Island, August
1st 1879, Dr. H. W. Henshaw, Washington D. C
- 2252 561 ✓ *Sterna hirundo*, Wils, Sea-Swallow, Cobbs Island, August 2nd
1879, Dr. H. W. Henshaw, Washington D. C,
- 2253 562 ✓ *Sterna hirundo*, Wils, Sea-Swallow, Cobbs Island, August 2nd
1879, Dr. H. W. Henshaw, Washington D. C,
- 2255 563 ✓ *Haematopus palliatus*, Temm, Cobbs Island, August 1st
1879, Dr. H. W. Henshaw, Washington D. C,
- 2256 564 ✓ *Haematopus palliatus*, Tem, Cobbs Island, August 1st 1879
Dr. H. W. Henshaw, Washington D. C,

- 2260 565 ✓ *Aegialitis vociferus*, Cassin, Madisonville, Ohio, Sept, 29th 1879, F. W. Langdon, Esq.
- 2262 566 ✓ *Passerella iliaca*, Swains, Madisonville Ohio, Sept 29th 1879
F. W. Langdon Esq
- 2264 567 ✓ *Pyrranga nestiva*, Vieill, Madisonville, Ohio, Sept. 29, 1879
F. W. Langdon Esq,
- 2265 568 ✓ *Turdus swainsonii*, Wils, Madisonville Ohio, Sept. 29th 1879
F. W. Langdon Esq.
- 2267 569 ✓ *Turdus swainsonii*, wils, Madisonville Ohio, Sept. 30th 1879
F. W. Langdon Esq
- 2268 570 ✓ *Dendroica blackburnii*, Baird, Madisonville Ohio, Sept, 29th 1879
F. W. Langdon Esq.
- 2269 571 ✓ *Dendroica castanea*, Baird, Madisonville Ohio, Sept, 29th 1879
F. W. Langdon Esq
- 2271 572 ✓ *Mniotilta varia*, Vieill, Madisonville Ohio, Sept 30th 1879
F. W. Langdon Esq
- 2273 573 ✓ *Dendroica virens*, Baird, Madisonville Ohio, Sept, 30th 1879
F. W. Langdon Esq
- 2276 574 ✓ *Helminthophaga peregrina*, Cab, Madisonville, Ohio, Sept, 30th 1879
F. W. Langdon Esq.
- 2277 575 ✓ *Helminthophaga peregrina*, Cab, Madisonville Ohio, Sept 30th 79
F. W. Langdon Esq,
- 2279 576 ✓ *Sialia sialis*, Baird, Washington Oct, 23th 1879
H. W. Henshaw M.D,

- 2284, 577✓ *Turdus pallasi*, Cab, Mount Carmel Ill, Oct, 14th 1879
H. W. Henshaw M. D.
- 2285 578✓ *Turdus pallasi*, Cab, Mount Carmel Ill, Oct, 15th 1879
H. W. Henshaw M. D.
- 2287 579✓ *Sayornis fuscus*, Baird, Mount Carmel Ill, Oct, 14th 1879
H. W. Henshaw M. D.
- 2288 580✓ *Lophophanes bicolor*, Bon, Mount Carmel Ill, Oct, 14th 1879
H. W. Henshaw M. D.
- 2290 581✓ *Seiurus aurocapillus*, Sw, Washington D. C, Sept, 15th 1879.
H. W. Henshaw M. D.
- 2292 582✓ *Mniotilta varia*, Vieill, Washington D. C, Sept, 15th 1879
H. W. Henshaw M. D.
- 2293 583✓ *Spizella pusilla*, Bon,, Mount Carmel Ill, Oct, 14th 1879
H. W. Henshaw, M. D.
- 2294 584✓ *Spizella pusilla*, Bon,, Mount Carmel, Ill, Oct, 14th 1879
H. W. Henshaw, M. D.
- 2298 585✓ *Dendroica coronata* Baird, Mount Carmel Ill, Oct 14th 1879
H. W. Henshaw M. D.
- 2300 586✓ *Harporhynchus rufus*, Cab, Washington D. C, Sept 15th 79
H. W. Henshaw M. D.
- 2304 587✓ *Helminthophaga peregrina*, Cab, Mount Carmel Ill, Oct, 14th 1879
H. W. Henshaw M. D.
- 2305 588✓ *Turdus aliciae*, Baird, Washington D. C, Oct 19th 1879
H. W. Henshaw M. D.

- 2307, 589 ✓ *Regulus satrapa*, Licht, Mount Carmel Ill, Oct, 16th 1879
H. W. Henshaw M. D.
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- 2308 590 ✓ ~~*Amorhiza*~~ *Tragodytes hyealis*, Vieill, Mount Carmel, Ill, Oct, 14th 1879
H. W. Henshaw M. D.
-
- 2309 591 ✓ *Sphyrapicus varius*, Baird, Washington D. C, Oct, 19th 1879
H. W. Henshaw M. D.
-
- 2311 592 ✓ *Dendroica striata*, Baird, Washington D. C, Oct 19th 1879
H. W. Henshaw M. D.
-
- 2314 593 ✓ *Vireo olivaceus*, Vieill, Washington D. C, Sept, 15th 1879
H. W. Henshaw, M. D.
-
- 2316 594 ✓ *Sciurus aurocapillus*, Swains, Washington D. C, Sept, 13th 1879
H. W. Henshaw M. D.
-
- 2318 595 ✓ *Regulus satrapa*, Licht, Mount Carmel Ill, Oct, 10th 1879
H. W. Henshaw, M. D.
-
- 2353 596 ✓ *Aquila chrysaetus*, L, Soldiers Home D. C, Dec, 11th 1879
Dr, Huntington Asst, Surgeon U. S. A.
-
- 2388 597 ✓ *Circus hudsonicus*, Vieill, Fort Shaw, M. T, April 30th 1880
Dr James C. Merrill Asst, Surgeon U. S. A.
-
- 2391 598 ✓ *Merops serrator*, Linné, Fort Shaw, M. T, April 30th 1880
Dr, James C. Merrill, Asst Surgeon U. S. A.
-
- 2394 599 ✓ *Ampelis garrulus*, L, Fort Shaw, M. T, April 30th 1880
Dr. James C. Merrill, Asst, Surgeon U. S. A.
-
- 2395 600 ✓ *Ampelis garrulus*, L, Fort Shaw, M. T, April 30th 1880
Dr. James C. Merrill, Asst, Surgeon U. S. A.

Miscellaneous Specimens of Birds

General
Number
Number
of
Division

- | | | | |
|------|---|----|--|
| 7 | ✓ | 1 | Eye of <i>Cygnus americanus</i> , Sharpl. American Swan, Exhibiting the palpebral and lachrymal glands.
Frederic Schaphirt, A. A. Surgeon U. S. A. |
| 119 | ✓ | 2 | Encephalon of <i>Anas domestica</i> , Linné, Common Duck
Frederic Schaphirt, A. A. Surgeon, U. S. A. |
| 127 | ✓ | 3 | Encephalon of <i>Picus villosus</i> , Linné, hairy Woodpecker
A. M. M. |
| 136 | ✓ | 4 | Stomach of <i>Fardion carolinensis</i> , Gmelin, Fish Hawk
A. M. M. |
| 137 | ✓ | 5 | Alimentary canal of <i>Cathartes aura</i> , Linné, Turkey Buzzard
Adolf J. Schaphirt Esq. |
| 143 | ✓ | 6 | Alimentary canal of <i>Meleagris gallopavo</i> , Linné, wild Turkey (fem)
A. M. M. |
| 618 | ✓ | 7 | Embryo of <i>Gallus communis</i> , in Amnion
Herman Faber, Hosp. Steward U. S. A. |
| 643 | ✓ | 8 | Embryo in duplex of <i>Anas domestica</i> , Linné, Common Duck,
Dr. Worrell |
| 842 | ✓ | 9 | Embryo of <i>Gallus communis</i> , Linné, Common Chicken with four Legs, Frederic Schaphirt, A. A. Surgeon U. S. A. |
| 960 | ✓ | 10 | Embryo of a malformed Chicken, the Cranium (Hemicephalus) has two perfect faces, the cervical vertebrae are double thick the two thoraxi form but one cavity with two well formed sterni, and four wings, and four Legs,
Dr. J. J. Woodward, Assist. Surgeon U. S. A. |
| 1000 | ✓ | 11 | Embryo of <i>Gallus communis</i> with a double cranium, with two bills and Three Eyes,
Dr. S. C. Busey, of Washington. D. C. |

Miscellaneous specimens of Birds.

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| 1039 ✓ | 12 | Tongue with os hyoideum in connection with the bulb of olfactorii, of <i>Hylatomus pileatus</i> , Baird,
Frederic Schaphirt, A, A, Surgeon U, S, A. |
| 1113 ✓ | 13 | Inferior Larynx of <i>Dafila acuta</i> , Senyus, Sprigtail
A, M, M. |
| 1116 ✓ | 14 | Organs of Respiration of <i>Anas boschas</i> Linne
Mallard
A, M, M. |
| 1126 ✓ | 15 | Inferior Larynx of <i>Aythya vallisneria</i> , Bon. Canvasback
Frederic Schaphirt, A, A, Surgeon U, S, A. |
| 1129 ✓ | 16 | Respiratory organs of <i>Bucephala americana</i> , Baird
Golden Eye (mas)
A, M, M. |
| 1130 ✓ | 17 | Respiratory organs of <i>Mergus serrator</i> , Linne.
Red-breasted Merganser (mas)
A, M, M. |
| 1199 ✓ | 18 | Larynx & trachea of <i>Cathartes aura</i> , L, Turkey Buzzard
Frederic Schaphirt, Act, Asst, Surgeon U, S, A. |
| 1241 ✓ | 19 | Sternum of <i>Otus wilsonianus</i> , Lesson, Longeared Owl
Mr, Henshaw. |
| 1248 ✓ | 20 | Sternum of <i>Pissa tridactyla</i> , Bonap. Kittiwake Gull
Smithsonian Institution |
| 1249 ✓ | 21 | Sternum of <i>Mormon corniculatus</i> , Naam, Horned Puffin
Smithsonian Institution |
| 1250 ✓ | 22 | Sternum of <i>Ambria psittacula</i> , Eschsch.
Smithsonian Institution |
| 1251 ✓ | 23 | Sternum of <i>Phalaris cristatellus</i> , Bonap.
Smithsonian Institution |

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| 1264 ✓ | 24 | Monstrosity of a young Chicken with four Legs, the Cranium is a hemicephalus without Brain, but has a double maxilla inferior, the columna vertebralis is with Spina bifida,
Dr. B. J. D. Irwin, Surgeon U. S. A. |
| 1268 ✓ | 25 | Telovis of Gallus communis, Linné, exhibiting the large development of the testicles in the Rooster,
Mr. S. E. Lewis, Pharmacist in Washington D. C. |
| 1276 ✓ | 26 | Sternum of Sphyrapicus varius, Baird, Yellow bellied Woodpecker, Frederic Schaphirt, Act, Asst, Surg, U. S. A. |
| 1277 ✓ | 27 | Sternum of Serina canaria, Baird, Canary Bird
Frederic Schaphirt, Act, Asst, Surgeon U. S. A. |
| 1278 ✓ | 28 | Sternum of Cardinalis virginianus, Bonap. Red-Bird
Frederic Schaphirt, Act, Asst, Surgeon U. S. A. |
| 1279 ✓ | 29 | Sternum of Quiscalus versicolor, Vieill, Cross Black Bird
Frederic Schaphirt, Act, Asst, Surgeon U. S. A. |
| 1280 ✓ | 30 | Sternum of Oryx virginianus, Bonap. Partridge
Frederic Schaphirt, Act, Asst, Surg. U. S. A. |
| 1281 ✓ | 31 | Sternum of Butorides virescens, Bonap, Green Heron
Frederic Schaphirt, Act, Asst, Surg, U. S. A. |
| 1282 ✓ | 32 | Sternum of Anser domesticus, Linné, Common Goose
Frederic Schaphirt, Act, Asst, Surg. U. S. A. |
| 1283 ✓ | 33 | Sternum of Anas domesticus, Linné, Common Duck
Frederic Schaphirt, Act, Asst, Surg. U. S. A. |
| 1284 ✓ | 34 | Sternum of Dafila acuta, Tengrs, Sprigtail
Frederic Schaphirt Act, Asst, Surg. U. S. A. |

- 1285 ✓ 35 Sternum of *Spatula clypeata*, Boie, Shoveller
Frederic Schaphirt, Act, Asst, Surgeon U. S. A.
- 1286 ✓ 36 Sternum of *Mergus americanus*, Cassin, Sheldrake
Frederic Schaphirt, Act, Asst, Surgeon U. S. A.
- 1287 ✓ 37 Sternum of *Graculus bicristatus*, Baird
Smithsonian Institution
- 1292 ✓ 38 Sternum of *Gallinago wilsonii*, Bonap. English Snipe
A. M. M.
- 1295 ✓ 39 Sternum of *Accipiter fuscus*, Bonap. Sharp Shinned Hawk
A. M. M.
- 1327 ✓ 40 Sternum of *Colaptes auratus*, Swain, Flicker
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1331 ✓ 41 Sternum of *Dendroica aestiva*, Baird, Yellow Warbler
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1335 ✓ 42 Sternum of *Passerculus savanna*, Bonap. Savannah Sparrow
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1338 ✓ 43 Sternum of *Melanerpes erythrocephalus*, Sw, Red-headed
Woodpecker, Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1342 ✓ 44 Sternum of *Tyrannus carolinensis*, Baird, King-Bird,
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1344 ✓ 45 Sternum of *Dolichonyx oryzivorus*, Swains, Boblin.
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1346 ✓ 46 Sternum of *Guiraca ludoviciana*, Sw, Rose-breasted
Grassbeak, Dr. Elliot Coues, Asst, Surgeon U. S. A.

- 1350 ✓ 47 Sternum of *Helminthophaga peregrina*, Cab, Tennessee Warbler
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1385 ✓ 48 Sternum of *Buteo swainsoni*, Bon. Swainsons Buzzard
Dr. H. C. Yarrow
- 1386 ✓ 49 Sternum of *Falco polyagrus*, Cassin, Prairie Falcon
Dr. H. C. Yarrow
- 1387 ✓ 50 Sternum of *Recurvirostra americana*, Gm, Avocet
Dr. H. C. Yarrow
- 1388 ✓ 51 Sternum of *Querquedula cynoptera*, Baird, Red-breasted Teal,
Dr. H. C. Yarrow
- 1393 ✓ 52 Sternum of *Cyrtonyx massena*, Gould, Massena Partridge
Dr. H. C. Yarrow
- 1397 ✓ 53 Sternum of *Sphyrapicus thyroideus*, Baird, Brown-headed Woodpecker,
Dr. H. C. Yarrow
- 1403 ✓ 54 Sternum of *Glaucidium californicum*, Baird, Pigmy Owl
Dr. H. C. Yarrow
- 1427 ✓ 55 Sternum of *Centrocercus urophasianus*, Sw. Cock of the Plains
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1430 ✓ 56 Sternum of *Eremophila alpestris*, Coues, Mountain Lark
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1432 ✓ 57 Sternum of *Geothlypis macgillivrayi*, Baird, Macgillivray's Warbler
Dr. Elliot Coues, Asst, Surgeon U. S. A.
- 1437 ✓ 58 Sternum of *Stegonopus wilsonii*, Coues, Wilson's Sandpiper,
Dr. Elliot Coues, Asst, Surgeon U. S. A.

- 1448 ✓ 59 Sternum of *Spizella pusilla*, Bon. Field Sparrow
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1452 ✓ 60 Sternum of *Selasphorus platycercus*, Gould, Broad-tailed Humming
Bird, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1455 ✓ 61 Sternum of *Selasphorus rufus*, Sw. Red-tailed Humming Bird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1459 ✓ 62 Sternum of *Trochylus alexandri*, Muls, Black-chinned
Humming Bird, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1461 ✓ 63 Sternum of *Vireo vicinior*,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1462 ✓ 64 Sternum of *Buteo calurus*, Cassin, Red-tailed Black Hawk
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1463 ✓ 65 Sternum of *Asturina plagiata*,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1464 ✓ 66 Sternum of *Geococcyx californianus*, Baird, Chaparral Cock
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1465 ✓ 67 Sternum of *Harporhynchus crissalis*, Henry,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1468 ✓ 68 Sternum of *Bucephala americana*, Baird, Golden Eye
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1469 ✓ 69 Sternum of *Cyanocitta woodhousei*, Baird, Woodhouse Jay
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1470 ✓ 70 Sternum of *Colaptes mexicanus*, Sw. Red-shafted
Flicker, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.

Skeletons of Cheloniac

General Number	Number of Division	
49	1✓	<i>Chelydra serpentina</i> , Schweigg, Snapping Turtle A, M, M,
9	2✓	<i>Ptychemys rugosus</i> , Agassiz, Red-bellied Turtle A, M, M,
154	3✓	<i>Emys terrapene</i> , Linne, Salt-water Terrapin, A, M, M,
172	4✓	<i>Nanemys guttata</i> , Agassiz, Yellow-spotted Turtle A, M, M,
674	5✓	<i>Thyreosternum pennsylvanicum</i> , Hobb. Mud Turtle A, M, M,
2	6✓	<i>Cistudo carolina</i> , Holbroock, Common Land Turtle A, M, M,
1019	7✓	<i>Chrysemys picta</i> , Agassiz, Painted Turtle A, M, M,
1252	8✓	<i>Ptychemys concinna</i> , Ages. Red-signed Turtle A, M, M,
1580	9 ✓	^{carolina} <i>Testudo polyphemus</i> , Daudin, Gopher, Dr. A. L. Buffington, A, A, Surgeon U, S, A,
<hr/> miscellaneous specimens of Birds <hr/>		
2425	10	Double egg of a, Washington June 1881 Dr Jno. Walter
2456	11	Chicken with four legs Oct. 1881 Lieut. Mulhall through S. M. Horton Surg. U.S.A.
2469	12	Tumor removed from below the anus of a hen Fr. Robinson Neb Dec. 21, 1882 S. O. L. Potter Act. Asst Surg U.S.A.

Skeletons of Chelonias

Skeletons of Chelonias

Skeletons of Cheloniae

Crania of Cheloniae

General Number	Number of Division	
528	1 ✓	<i>Chelona caretta</i> , Holbrook, Loggerhead Turtle A, M, M,
529	2 ✓	<i>Chelona caretta</i> , Holbrook, Loggerhead Turtle A, M, M,
547	3 ✓	<i>Chelona caretta</i> , Holbrook, Loggerhead Turtle George W. Driver, Esq.
675	4 ✓	<i>Chelona caretta</i> , Holbrook, Loggerhead Turtle Robert Williams, Hosp. Steward U, S, A,
530	5 ✓	<i>Chelona midas</i> , Linne', Green Turtle A, M, M.
682	6 ✓	<i>Chelona midas</i> , Linne', Green Turtle Robert E. Williams, Hosp. Steward U, S, A,
789	7 ✓	<i>Chelona midas</i> , Linne', Green Turtle Dr. Johnson Elliot
531	8 ✓	<i>Chelydra serpentina</i> , Schweig, Snapping Turtle A, M, M,
843	9 ✓	<i>Chelydra serpentina</i> , Schweig, Snapping Turtle Mr. Charles Johnson
847	10 ✓	<i>Chelydra serpentina</i> , Schweig, Snapping Turtle Mr. Charles Johnson
652	11 ✓	<i>Ptychemys rugosus</i> , Agassiz, Red-bellied Turtle A, M, M.
653	12 ✓	<i>Ptychemys rugosus</i> , Agassiz, Red-bellied Turtle A, M, M.

Crania of Cheloniae

General Number	Number of Division	
654	13	<i>Ptychemys rugosus</i> , Agassiz, Red-bellied Turtle A, M, M.
655	14	<i>Ptychemys rugosus</i> , Agassiz, Red-bellied Turtle A, M, M.
532	15	<i>Emys terrapene</i> , Linné, Salt-water Terrapin A, M, M.
533	16	<i>Emys insculpta</i> , Halbrook, <i>Trachemys scabra</i> , Agas, A, M, M.
534	17	<i>Chrysemys picta</i> , Agassiz, Painted Turtle Trachemys A, M, M.
535	18	<i>Chrysemys picta</i> , Agassiz, Painted Turtle A, M, M.
666	19	<i>Cinosternum pennsylvanicum</i> , Bell, Mud Turtle Mr. Constantin Drexler
667	20	<i>Cinosternum pennsylvanicum</i> , Bell, Mud Turtle Mr. Constantin Drexler
668	21	<i>Cinosternum pennsylvanicum</i> , Bell, Mud Turtle Mr. Constantin Drexler
669	22	<i>Cinosternum pennsylvanicum</i> , Bell, Mud Turtle Mr. Constantin Drexler
536	23	<i>Cistudo carolina</i> , Halbrook, Common Land Turtle A, M, M.
537	24	<i>Cistudo carolina</i> , Halbrook, Common Land Turtle A, M, M.

Crania of Chelonias

General Number	Number of Division	
1919	25	<i>Thalassochelys caenana</i> , L., Loggerhead-Turtle James Peerce, Esq. Washington D.C.
2458	26	<i>Chilona bairdii</i> , Loggerhead Turtle Geo. W. Driver Washington D.C. Dec. 1881

Received April 27th 80

From Eastern Branch
Presented to Museum
by Dr W. J. Hoffman,
through Dr. H. P. Sarran.

96	1	Lungs of <i>Chrysemys picta</i> , Agassiz, Painted Turtle Frederic Schaphirt, A. A. Surgeon, U. S. A.
844	2	Os hyssideum of <i>Chelydra serpentina</i> , Schiz, Snapping Turtle, Frederic Schaphirt, A. A. Surgeon, U. S. A.
2387	3	Deformed shell of a young water turtle, from Eastern brandt D. C., Dr. W. L. Hoffman through Dr. H. C. Farrow April 27 th 1880

Skeletons of Lacertinae et Saurii

44	1 ✓	<i>Iguana cornuta</i> , — South American Lizard Dr. Billings, Assist, Surgeon, U.S.A,
82	2 ✓	<i>Phrynosoma cornuta</i> , — Horned Lizard Dr. Perry, Assist, Surgeon, U.S.A,
86	3 ✓	<i>Tropidolepsus undulatus</i> , Holbrook, Common Lizard Dr. Perry, Assist, Surgeon, U.S.A,
166	4 ✓	<i>Heloderma horridum</i> , Wigman, Alligator Lizard A, M, M,
684	5 ✓	<i>Holbrookia maculata</i> , Girard, Prairie Lizard T. S. Floyd, Hosp. Steward U.S.A,
742	6 ✓	<i>Crotaphus collaris</i> , Holbrook, Ring neck Lizard Dr. H. McElderry, Assist, Surgeon U.S.A,
819	7 ✓	<i>Alligator lucius</i> , Cuvier, Mississippi Alligator A. A. Surg. Thos. Arthur — A, M, M,
962	8 ✓	<i>Plestiodon obsoletus</i> , Girard, the pale Lizard Donator unknown
1104	9 ✓	<i>Scoloporus spinosus</i> , Gill, The Thorny Lizard Mr. C. Wateman, Hosp. Steward U.S.A,
1175	10 ✓	<i>Iguana</i> Julius A. Skillen, U.S. Consul Mexico
1185	11 ✓	<i>Alligator lucius</i> , Cuvier, Common Alligator, Disarticulated Wm. E. Edmonston, Washington D.C
1215	12 ✓	<i>Plestiodon fasciatus</i> , Girard, Ribbon Lizard Frederic Schaphart Act, Assist, Surg. U.S.A,

Skeletons of Lacertinidae et Saurii

1367	13	South American Black-Lizard Dr. Elliot Coues, Asst. Surgeon U. S. A.
1399	14 ✓	<i>Phrynosoma douglassii</i> , Girard, Douglass Horned Lizard Dr. H. C. Tarrow Tarrow
1444	15 ✓	<i>Iguana fasciata</i> - banded Iguana
1534	16 ✓	<i>Phrynosoma regale</i> , Girard, the regaled Lizard Dr. H. C. Tarrow, A. A. Surgeon U. S. A.
1555	17 ✓	<i>Phrynosoma maccallii</i> , Hallowell Dr. H. C. Tarrow, A. A. Surgeon U. S. A.
1559	18 ✓	<i>Phrynosoma coronatum</i> , Blaino, the crowned Lizard Smithsonian Institution.
1562	19 ✓	<i>Phrynosoma blainville</i> , Gray, Blainvilles Lizard Smithsonian Institution
1563	20 ✓	<i>Phrynosoma platyrhinum</i> , Girard, Smithsonian Institution
1566	21 ✓	<i>Phrynosoma modestum</i> , Girard, Smithsonian Institution
1736	22 ✓	<i>Holoderma suspectum</i> , Cope, Gila monster Dr. James Beagles, A. A. Surgeon U. S. A.
1899	23 ✓	<i>Phisodon lineatus</i> , Tyee springs Tenn. Smithsonian Institution
1902	24 ✓	<i>Cnemidophorus tatusigus</i> , B. et G., Eldorado California Smithsonian Institution

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|------|------|---|
| 1904 | 25 ✓ | <i>Dipsosaurus dorsalis</i> , B. et G., Cape St. Lucas lower Cal,
Smithsonian Institution |
| 1905 | 26 ✓ | <i>Crotaphytus wislizenii</i> , B. et G., Nevada
Smithsonian Institution |
| 1906 | 27 ✓ | <i>Gerrhonotus multicarinatus</i> , Blainv., Monterey Cal,
Smithsonian Institution |
| 1907 | 28 ✓ | <i>Squania rhinolopha</i> , Wiegmann, Colima Mexico
Smithsonian Institution |
| 1908 | 29 | <i>Cylura hemilopha</i> , Cope, Cape St. Lucas lower California
Smithsonian Institution |
| 1909 | 30 ✓ | <i>Sauromalus ater</i> , Dumeril, Gila River
Smithsonian Institution |
| 1910 | 31 ✓ | <i>Rhineura floridana</i> Cope, Florida
Smithsonian Institution |
| 1911 | 32 ✓ | <i>Crotaphytus collaris</i> , Say, Holbr.,
Smithsonian Institution |
| 1927 | 33 ✓ | <i>Crotaphytus collaris</i> , Say, Red River, Arkansas
Smithsonian Institution |
| 1929 | 34 ✓ | <i>Sceloporus spinosus</i> , Wiegman, Metamoras
Smithsonian Institution |
| 1937 | 35 ✓ | <i>Opheosaurus ventralis</i> , Daudin, Glass-snake, Tennessee
Smithsonian Institution |
| 1960 | 36 ✓ | <i>Opheosaurus ventralis</i> , Daudin, Glass-snake, Florida
William G. Spencer, Asst. Surg. U. S. A. |

1965	37 ^v	<i>Phrynosoma coronatum</i> , Blainv, Smithsonian Institution	California
1983	38 ^v	<i>Phrynosoma cornutum</i> , Harlan, Horned Lizard Smithsonian Institution	
1995	39 ^v	<i>Rhineura floridana</i> , Baird, Smithsonian Institution	Florida
2037	40 ^v	<i>Cnemidophorus sexlineatus</i> , Linne', Smithsonian Institution	Arkansas
2040	41 ^v	<i>Sceloporus poiresettii</i> , B & G, Caderitta N. Leon Smithsonian Institution	
2042	42 ^v	<i>Anolis principalis</i> , Linne', Eutaw Alabama Smithsonian Institution	
2045	43 ^v	<i>Phrynosoma platyrhinum</i> , Girard, St. Lucas Cal Smithsonian Institution	
2210	44	<i>Muraenopsis tridactylus</i> , Cuvier, Febr. 25 th 1879, J. Cragg, Hosp. Steward U. S. A,	
2217	45	<i>Phrynosoma hernandezii</i> , Girard, Fort Davis Texas, July 1878, W ^m , Fred, von Manteufel, Hosp. Steward U. S. A,	
2243	46	<i>Heloderma suspectum</i> , Cope, Fort Grant, Arizona June 26 th 1879, C. H. Campbell, Capt 6 th Cav. U. S. A,	

General Number of Division

Crania of Saurii

171

88	1 ✓	<i>Tropidolepsus undulatus</i> , Holbrook, Common Lizard Dr. Perry, Assist, Surgeon, U, S, A,
89	2 ✓	<i>Tropidolepsus undulatus</i> , Holbrook, Common Lizard Dr. Perry, Assist, Surgeon, U, S, A,
539	3 ✓	<i>Tropidolepsus undulatus</i> , Holbrook, Common Lizard A, M, M,
540	4 ✓	<i>Tropidolepsus undulatus</i> , Holbrook, Common Lizard A, M, M,
91	5 ✓	<i>Cnemidophorus gularis</i> , Girard, Striated Lizard Dr. Perry, Assist, Surgeon, U, S, A,
92	6 ✓	<i>Cnemidophorus gularis</i> , Girard, Striated Lizard Dr. Perry, Assist, Surgeon, U, S, A,
541	7 ✓	<i>Cnemidophorus gularis</i> , Girard, Striated, Lizard A, M, M,
538	8 ✓	<i>Grynosoma cornutum</i> , Holbrook, Horned Lizard A, M, M,
803	9 ✓	<i>Crotaphus collaris</i> , Holbrook, Ring-neck Lizard Dr. H, McElderry, Assist, Surgeon U, S, A,
876	10 ✓	<i>Plestodon erythrocephalus</i> , Holbrook, Red-headed Lizard Dr. Billings, Assist, Surgeon U, S, A,
998	11 ✓	<i>Plestodon guttulatus</i> , Holbrook, Spotted Lizard Donator unknown
999	12 ✓	<i>Plestodon guttulatus</i> , Holbrook, Spotted Lizard Donator unknown

General Number of Division		
1004	13 v	<i>Holbrookia maculata</i> , Girard, Prairie Lizard Dr. Edward Palmer, A. A. Surgeon U. S. A. <i>For Whipple's Am.</i>
1005	14 v	<i>Holbrookia maculata</i> , Girard, Prairie Lizard Dr. Edward Palmer, A. A. Surgeon U. S. A. <i>For Whipple's Am.</i>
1103	15 v	<i>Plestiodon obsoletus</i> , Girard, The pale Lizard Dr. B. B. Miles, A. A. Surgeon U. S. A.
1216	16 v	<i>Plestiodon fasciatus</i> , Girard, Ribbon Lizard Frederic Schaffhirt, Act. Asst. Surgeon U. S. A.
1271	17 v	<i>Plestiodon sex striatum</i> , — six striped Lizard Dr. J. H. T. King, Asst. Surgeon U. S. A.
1272	18 v	<i>Plestiodon sex striatum</i> , — six striped Lizard Dr. J. H. T. King, Asst. Surgeon U. S. A.
1273	19 v	<i>Plestiodon sex striatum</i> , — six striped Lizard Dr. J. H. T. King, Asst. Surgeon U. S. A.
1274	20 v	<i>Plestiodon sex striatum</i> , — six striped Lizard Dr. J. H. T. King, Asst. Surgeon U. S. A.
1442	21 v	<i>Scoloporus spinosus</i> , Gill, Spiny Lizard Dr. W. E. Day, A. A. Surgeon U. S. A.
1443	22 v	<i>Phrynosoma Douglassii</i> , Girard, Douglass Lizard Dr. W. E. Day, A. A. Surgeon U. S. A.
1540	23 v	<i>Sceloporus consobrinus</i> Girard Mr. Aiken, Corps of Engineers U. S. A.
1542	24 v	<i>Cnemidophorus 6 lineatus</i> , Girard H. W. Henshaw Esq

Crania of Saurii

General Number	Number of Division	
1543	25 ✓	<i>Cnemidophorus lineatus</i> , Girard Dr. Newberry
1561	26 ✓	<i>Phrynosoma coronata</i> , Blainv, the crowned Lizard Smithsonian Institution
1555	27 ✓	<i>Phrynosoma maclellai</i> , Hallowell, McCall, Lizard Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
1534	28 ✓	<i>Phrynosoma regale</i> , Girard, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
1564	29 ✓	<i>Phrynosoma platyrhinum</i> , Girard Smithsonian Institution
1566	30 ✓	<i>Phrynosoma modestum</i> , Girard Smithsonian Institution
1576	31 ✓	<i>Alligator mississippiensis</i> , Dand, Young Alligator Mr. E. T. Garner.
1584	32 ✓	<i>Crotaphytus collaris</i> , Holbr. Dr. A. L. Buffington A. A. Surgeon U. S. A.
1585	33 ✓	<i>Crotaphytus collaris</i> , Holbr. Dr. A. L. Buffington A. A. Surgeon U. S. A.
1717	34 ✓	<i>Cnemidophorus tessellatus</i> , Say, Tiger Lizard, Arizona Dr. J. B. Girard, Asst. Surgeon U. S. A.
1718	35 ✓	<i>Cnemidophorus tessellatus</i> , Say, Tiger Lizard, Arizona Dr. J. B. Girard, Asst. Surgeon U. S. A.
1719	36 ✓	<i>Cnemidophorus tessellatus</i> , Say, Tiger Lizard, Arizona Dr. J. B. Girard Asst. Surgeon U. S. A.

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| 1720 | 37 | ✓ | <i>Gnemidophorus tessellatus</i> , Say, Tiger Lizard, Arizona
Dr. J. B. Girard, Asst, Surgeon U. S. A. |
| 1753 | 38 | ✓ | <i>Sauromalus ater</i> , Dumeril, Angel Island, ^{Gulf of} California
Dr. J. H. Streets, U. S. Navy |
| 1900 | 39 | ✓ | <i>Iguania rhinolopha</i> , Wiegmann, Tehasco,
Smithsonian Institution |
| 1903 | 40 | ✓ | <i>Phrynosoma blainvilliei</i> , Gray, California
Smithsonian Institution |
| 1912 | 41 | ✓ | <i>Phrynosoma platyrhinum</i> , Grd., Utah
Smithsonian Institution |
| 1913 | 42 | ✓ | <i>Phrynosoma dauglasii</i> , Bell, Kansas
Smithsonian Institution |
| 1914 | 43 | ✓ | <i>Anolis principalis</i> , Holbr., Louisiana
Smithsonian Institution |
| 1915 | 44 | ✓ | <i>Opheosaurus ventralis</i> , Daudin, Florida
Smithsonian Institution |
| 1921 | 45 | ✓ | <i>Sauromalus ater</i> , Dumeril, Sonora
Smithsonian Institution |
| 1930 | 46 | ✓ | <i>Crotaphytus wislizenii</i> , B. & G.
Smithsonian Institution |
| 1938 | 47 | ✓ | <i>Alligator mississippiensis</i> , Daudin
Smithsonian Institution |
| 1967 | 48 | ✓ | <i>Sceloporus consobrinus</i> , B & G, New Mexico
Smithsonian Institution |

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|------|-----|---|
| 1990 | 49✓ | <i>Eumeces fasciatus</i> , Linné, Montgomery Alabama
Smithsonian Institution |
| 2004 | 50✓ | <i>Enemidophorus sexlineatus</i> , Linné, Arkansas
Smithsonian Institution |
| 2015 | 51✓ | <i>Crotaphytus wislizenii</i> , B. & G.,
Smithsonian Institution |
| 2020 | 52✓ | <i>Phrynosoma douglassi</i> , Bell, Pac. R. R. Survey
Smithsonian Institution |
| 2028 | 53✓ | <i>Eumeces fasciatus</i> , Linné, Alabama
Smithsonian Institution |
| 2032 | 54✓ | <i>Phrynosoma modestum</i> , Castanuelas
Smithsonian Institution |
| 2035 | 55✓ | <i>Uta stansburiana</i> , B & G,
Smithsonian Institution |
| 2049 | 56✓ | <i>Opheosaurus ventralis</i> , Daudin, Glass-snake
Smithsonian Institution |
| 2175 | 67✓ | <i>Sceloporus clarkii clarkii</i> , Cope, Metamorphos, Febr. 1 st 1878
Smithsonian Institution |
| 2181 | 58✓ | <i>Eumeces skiltonianus</i> , B & G, Southern California 1878
Smithsonian Institution |
| 2218 | 59 | <i>Phrynosoma hernandezii</i> , Girard, Fort Davis, Texas, July
1878, W ^m , Fred, von Manteufel, Hosp. Steward U. S. A. |
| 2219 | 60 | <i>Phrynosoma hernandezii</i> , Girard, Fort Davis Texas, July
1878, W ^m , Fred von Manteufel, Hosp. Steward U. S. A. |

2242, 61

Alligator mississippiensis, one Year old, July 11, '79
Dr. James McConnell, U. S. A. N. Museum,

820	1	✓	Generative organs of Alligator lucius, Cuvier, Mississippi Alligator, A, M, M,
821	2	✓	Larynx of Alligator lucius, Cuvier, Mississippi Alligator A, M, M.
1183	3	✓	Os linguae of ¹¹⁷⁵ Iguana Julius A. Skillon, U. S. Consul in Mexico
1535	4	✓	Entozoa found in thoracic cavity of Phrynosoma regale, Frederic Schephiert, Anatomist
1187	5	✓	Larynx, Pharynx, et Lingua, of Alligator Lucius, Cuvier, Frederic Schephiert, Act. Asst, Surgeon U. S. A,
1560	6	✓	Oviducts with six ova, from Phrynosoma coronatum, Blain Frederic Schephiert, Anatomist.
1590	7	✓	Eggs from Phrynosoma Lizard D. S. Smart, M. D, Act. Asst, Surgeon U. S. A.

Skeletons of Reptilia

700	1 ✓	<i>Crotalus adamanteus</i> , Beauv, Diamond Rattle Snake Dr. H. McElderry, Assist, Surgeon U, S, A,
1003	2 ✓	<i>Agristodon contortrix</i> , B & G, Copperhead Dr. Edward M. Schaffer, A, A, Surgeon U, S, A,
90	3 ✓	<i>Elaps fulvius</i> , Cuvier, Harlequin Snake Dr. Perry, A, A, Surgeon U, S, A,
705	4 ✓	<i>Eutaenia saurita</i> , B & G, Swift-Garter Snake Dr. B. B. Miles, A, A, Surgeon U, S, A,
42	5 ✓	<i>Eutaenia sirtalis</i> , B. & G., Common Garter Snake A. M. Squier, Hosp. Steward, U, S, A,
85	6 ✓	<i>Eutaenia dorsalis</i> , B & G, Back-striped Snake Dr. Perry, A, A, Surgeon U, S, A,
84	7 ✓	<i>Eutaenia marciana</i> , B & G, Marcys Adder Dr. Perry, A, A, Surgeon U, S, A,
911	8 ✓	<i>Eutaenia parietalis</i> , B & G, Dr. N. E. Whitehead, Assist, Surgeon U, S, A,
1088	9 ✓	<i>Eutaenia faureyi</i> , B & G, Faureys Snake C. Wateman, Hosp. Steward U, S, A,
830	10 ✓	<i>Nerodia sipedon</i> , B & G, Water Snake A. M. M.,
598	11 ✓	<i>Regina leberis</i> , B & G, Yellow-bellied Snake A. M. M.,
858	12 ✓	<i>Regina grahamii</i> , B & G, Grahams Snake Dr. W ^m . B. Lyon, A, A, Surgeon U, S, A,

Skeletons of Reptilia

703	13v	<i>Heterodon platyrhinos</i> , Latr. Hog-nose Snake Dr. B. B. Miles, A. A. Surgeon U. S. A.
768	14v	<i>Heterodon nasicus</i> , B & G, Sharp-nose Snake Dr. B. B. Miles, A. A. Surgeon U. S. A.
1086	15v	<i>Heterodon cognatus</i> , B & G, Stomach U. S. A. C. Wateman, Hosp. Steward U. S. A.
743	16v	<i>Scotophis vulpinus</i> , B & G, Fox Snake Dr. B. B. Miles, A. A. Surgeon U. S. A.
1018	17v	<i>Scotophis alleghaniensis</i> , B & G, Mountain Black Snake A. M. M.
1087	18v	<i>Scotophis confinis</i> , B & G, the border Snake C. Wateman, Hosp. Steward U. S. A.
1089	19v	<i>Scotophis Emoryi</i> , B & G, Emorys Snake C. Wateman, Hosp. Steward U. S. A.
701	20v	<i>Ophibolus getulus</i> , B & G, Vining Snake Dr. H. M. Eldery, Assist. Surgeon U. S. A.
83	21v	<i>Ophibolus gentilis</i> , B & G, the gentil Snake Dr. Perry, A. A. Surgeon, U. S. A.
994	22v	<i>Ophibolus Boylii</i> , B & G, Boyle's Snake Dr. Edward Palmer, A. A. Surgeon U. S. A. <i>For whippers angina</i>
1038	23v	<i>Ophibolus doliaatus</i> , B & G, Red Snake Thomas C. Dant Esq.
53	24v	<i>Bascanion constrictor</i> , B & G, Black Snake Dr. J. J. Woodward, Assist. Surgeon U. S. A.

Skeletons of Reptilia

General Number	Number of Division	
590	25 ✓	<i>Chlorosoma vernalis</i> , B & G, Green Snake Adolf J. Schaphirt Esq.
706	26 ✓	<i>Diadophis docilis</i> , B & G, Texas Ring necked Snake Dr. B. B. Miles, A. A. Surgeon U. S. A.
831	27 ✓	<i>Diadophis punctatus</i> , B & G, Ring necked Snake Ernst F. Schaphirt, Hosp. Steward U. S. A.
851	28 ✓	<i>Diadophis amabilis</i> , B & G, Dr. W. M. B. Lyon. A. A. Surgeon U. S. A.
94	29 ✓	<i>Celuta amoena</i> , B & G, Worm Snake Dr. Perry, Assist. Surgeon U. S. A.
1020	30 ✓	<i>Tantilla nigriceps</i> , Kennicott, Black-head Snake Dr. N. E. Whitehead, Assist. Surgeon U. S. A.
1213	31 ✓	<i>Ophibolus guttatus</i> , Girard, Chicken-Snake Dr. H. W. Sawtelle
1214	32 ✓	<i>Nerodia woodhousii</i> , Girard, Woodhouse Water Snake Frederic Schaphirt, Act. Assist. Surgeon U. S. A.
1221	33 ✓	<i>Pituophis McClellanii</i> , B & G, McClellans Snake Dr. J. H. T. King, Asst. Surgeon, U. S. A.
1223	34 ✓	<i>Pituophis bellona</i> , B. & G, the War Snake Dr. J. H. T. King Asst. Surgeon U. S. A.
1227	35 ✓	<i>Eutaenia infernalis</i> , B. & G, the infernal Snake Dr. J. H. T. King Asst. Surgeon U. S. A.
1229	36 ✓	<i>Eutaenia elegans</i> , B. & G, the elegant Snake Dr. J. H. T. King, Asst. Surgeon U. S. A.

Skeletons of Reptilia

- 1230 37 ✓ *Eutaenia ordinata*, B. & G.,
Dr. H. H. T. King, Asst. Surgeon U. S. A.
- 1527 38 ✓ *Eutaenia vagrans*, B. & G.
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1529 39 ✓ *Masticophis taeniatus*, B. & G.
Mr. Henshaw U. S. A.
- 1530 40 ✓ *Masticophis lateralis*, —
Dr. C. B. Newberry —
- 1536 41 ✓ *Pituophis Sayi*, Schlegel, Say's Adder.
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1558 42 ✓ *Nerodia sipedon*, Baird, common water snake
Donald Jackson, Asst. Surgeon U. S. A.
- 1587 43 ✓ *Heterodon simus*, Linné, Hognose Snake
Dr. A. L. Buffington, A. A. Surgeon U. S. A.
- 1733 44 ✓ *Rhinochilus lecontei*, B. & G., Leconte's Snake
Dr. J. B. Girard, Asst. Surgeon U. S. A.
- 1758 45 ✓ *Crotalus atrox*, B. & G., from Indian Territory
S. Vitching Hosp. Steward U. S. A.
- 1759 46 ✓ *Bascanium testaceum*, Say Indian Territory
S. Vitching, Hosp. Steward U. S. A.
- 1760 47 ✓ *Heterodon nasiceus*, Say Indian Territory
S. Vitching, Hosp. Steward U. S. A.
- 1925 48 ✓ *Ancistradon piscivorus*, Lacép., Florida
Smithsonian Institution

1926	49 ✓	<i>Heterodon atmodus</i> , B & G, Smithsonian Institution
1928	50 ✓	<i>Coluber confluens</i> , B & G, Society Hill, S. C. Smithsonian Institution
1931	51 ✓	<i>Coluber vulpinus</i> , B & G, Smithsonian Institution
1933	52 ✓	<i>Eutaenia dorsalis</i> , B, & G, Detroit Mich Smithsonian Institution
1934	53 ✓	<i>Bascarium taeniatus</i> , Hallowell, Salt Lake Utah Smithsonian Institution
1936	54 ✓	<i>Eutaenia ordinata</i> , Linne, Smithsonian Institution
1939	55 ✓	<i>Eutaenia cooperii</i> , Kennicott, Ft. Steilacoon Smithsonian Institution
1941	56 ✓	<i>Carpophis helena</i> , Kennicott, Prairie-Worm Snake, Ill. Smithsonian Institution
1942	57 ✓	<i>Phimothya Grahamiae</i> , B & G, Grahams Snake, Texas Smithsonian Institution
1945	58 ✓	<i>Ophibolus coccineus</i> , Schlegel, Scarlet-Snake Smithsonian Institution
1946	59 ✓	<i>Ferancia abacura</i> , Holbr, Horn Snake, Florida William G. Spencer, Asst, Surgeon U. S. A.
1947	60 ✓	<i>Ophibolus getulus</i> , Linne, Chain-Snake, Florida William G. Spencer, Asst, Surgeon, U. S. A.

Skeletons of Reptilia

- 1948, 61 ✓ *Coluber guttatus*, Linne, Spotted Snake, Florida
William G. Spencer, Asst, Surgeon U. S. A.
- 1950 62 ✓ *Tropidonotus fasciatus*, L, Banded Water-Snake, Florida
William G. Spencer, Asst, Surgeon U. S. A.
- 1951 63 ✓ *Bascanium flagelliforme*, Catesb, Whip-Snake, Florida
William G. Spencer, Asst, Surgeon U. S. A.
- 1953 64 ✓ *Caudisoma miliaria*, L, Ground Rattle Snake, Florida
William G. Spencer, Asst, Surgeon U. S. A.
- 1956 65 ✓ *Elyaps Tenere*, B. & G. Florida
William G. Spencer, Asst, Surgeon U. S. A.
- 1958 66 ✓ *Coluber quadrivittatus*, Halb, Winston, N. Carolina
Smithsonian Institution
- 1959 67 ✓ *Ancistrodon contortrix*, Linne, Copperhead, Indiana
Smithsonian Institution
- 1961 68 ✓ *Ophibolus triangulus*, Boie, Westport N. Y.
Smithsonian Institution
- 1962 69 ✓ *Tropidonotus fasciatus*, L, North Carolina
Smithsonian Institution
- 1963 70 ✓ *Rhinochilus Decontei*, B & G, Texas
Smithsonian Institution
- 1964 71 ✓ *Sibon annulatum*, Linne, Brownsville Texas
Smithsonian Institution
- 1966 72 ✓ *Crotalus adamanteus*, Beauv, Florida
Smithsonian Institution

1968	73 ^v	<i>Crotalus horridus</i> , Linne, Smithsonian Institution	Kansas
1969	74 ^v	<i>Coluber Emoryi</i> , B & G, Smithsonian Institution	Texas
1970	75 ^v	<i>Diadophis amabilis</i> , B, & G, Smithsonian Institution	Texas
1971	76 ^v	<i>Cyclophis aestivus</i> , Linne, Smithsonian Institution	Washington D. C
1972	77 ^v	<i>Elaps tener</i> , B, & G, Smithsonian Institution	Metamoras
1973	78 ^v	<i>Eutaenia megalops</i> , Kennicott, Ft. Wipple, Arizona Smithsonian Institution	
1974	79 ^v	<i>Ophibolus sagi</i> , Holbr, Smithsonian Institution	Louisiana
1977	80 ^v	<i>Tropidonotus fasciatus</i> , Holbr, Smithsonian Institution	North Carolina
1978	81 ^v	<i>Caudisoma miliaria</i> , Linne, Smithsonian Institution	Louisiana
1979	82 ^v	<i>Crotalus atrox</i> , B & G, Smithsonian Institution	Lower Rio grande
1980	83 ^v	<i>Crotalus confluentus</i> , Say, Smithsonian Institution	New Mexico
1982	84 ^v	<i>Tropidonotus grahamii</i> , B, & G, Smithsonian Institution	Northfield Ill,

- | | | | |
|------|-----------------|---|--------------------------|
| 1984 | 85 ^v | <i>Ophibolus getulus</i> , Linné,
Smithsonian Institution | Kinston N. Carolina |
| 1985 | 86 ^v | <i>Haldea striatula</i> , Linné,
Smithsonian Institution | Gilmer Texas |
| 1986 | 87 ^v | <i>Heterodon nasicus</i> , Say,
Smithsonian Institution | Ft. Kearney Texas |
| 1987 | 88 ^v | <i>Ptygophis mexicana</i> , Duméril,
Smithsonian Institution | Arizona |
| 1988 | 89 ^v | <i>Ptygophis sayi</i> , Schlegel,
Smithsonian Institution | 3 fork of Humboldt River |
| 1989 | 90 ^v | <i>Storeria occipitomaculata</i> , Storer,
Smithsonian Institution | St Louis M ^o |
| 1991 | 91 ^v | <i>Bascanium testaceum</i> , Say,
Smithsonian Institution | Castamelas |
| 1992 | 92 ^v | <i>Caudisoma tergemina</i> , Say,
Smithsonian Institution | Central Illinois |
| 1994 | 93 ^v | <i>Eutaenia proxima</i> , Say,
Smithsonian Institution | Salt-Lake Utah |
| 1997 | 94 ^v | <i>Tropidonotus leberis</i> , Linné,
Smithsonian Institution | Pennsylvania |
| 1998 | 95 ^v | <i>Eutaenia ornata</i> , Baird
Smithsonian Institution | Utah |
| 1999 | 96 ^v | <i>Ptygophis bellona</i> , B & G,
Smithsonian Institution | Rio grande |

Crania of Reptilia

General Number	Number of division		
542	1	<i>Boa constrictor</i> , Linne',	A, M, M,
543	2	<i>Boa constrictor</i> , Linne',	A, M, M,
544	3	<i>Boa constrictor</i> , Linne',	A, M, M,
545	4 ✓	<i>Crotalus durissus</i> , Linne', Banded Rattle Snake	A, M, M,
615	5 ✓	<i>Crotalus durissus</i> , Linne', Banded Rattle Snake	A, M, M,
993	6 ✓	<i>Crotalus atrox</i> , B & G Dr. Edward Palmer A, A, Surgeon U, S, A, Fort Whipple Ariz.	
546	7 ✓	<i>Eutaenia sirtalis</i> , B & G, Common Garter Snake	A, M, M,
547	8 ✓	<i>Eutaenia marciana</i> , B & G, Marcys Adder	A, M, M,
995	9 ✓	<i>Eutaenia Fairayi</i> , B & G, Fairays Snake Donator unknown	
629	10 ✓	<i>Nerodia sipedon</i> , B & G, Water Snake Donald Jackson M. D.	
980	11 ✓	<i>Pituophis belonna</i> , Baird & Girard the War Snake Dr. Edward Palmer, A, A, Surgeon U, S, A, Fort Whipple Ariz	
1090	12 ✓	<i>Ophibolus Sayi</i> , B & G, Say's Snake C. Waterman, Hoops, Steward U, S, A,	

General Number	Number of	Division	
1091	13	✓	<i>Ophibolus Gentilis</i> , Baird & Girard C. Wateman, Hosp. Steward U, S, A,
702	14	✓	<i>Masticophis flavigularis</i> , B & G, Dr. B. B. Miles, A. A. Surgeon U, S, A,
982	15	✓	<i>Masticophis testaceus</i> , Say the pale Snake Dr. Edward Palmer, A, A, Surgeon U, S, A, Dr. Whipple Aug
548	16	✓	<i>Chlorosoma vernalis</i> , B & G, Green Snake A. M. M.
859	17	✓	<i>Celuta amaena</i> , B & G, Worm Snake Frederic Schafhirt, A, A, Surgeon U, S, A,
1222	18	✓	<i>Pituophis McClellanii</i> , B & G, McClellans Snake Dr. J. H. T. King, Assist, Surgeon U, S, A,
1226	19	✓	<i>Heterodon nasicus</i> , B & G, Shovel-nosed viper Dr. J. H. T. King, Asst, Surgeon U, S, A,
1228	20	✓	<i>Eutainia infernalis</i> , B & G, the infernal Snake Dr. J. H. T. King, Asst Surgeon U, S, A,
1231	21	✓	<i>Chlorosoma vernalis</i> , B & G, Green Snake Dr. J. H. T. King, Asst, Surgeon U, S, A,
1233	22	✓	<i>Eutainia Marciana</i> , B & G, Marcys Adder Dr. J. H. T. King, Asst, Surgeon U, S, A,
1318	23	✓	<i>Eutainia dorsalis</i> , B & G, Frederic Schafhirt, Act, Asst, Surgeon U, S, A,
1319	24	✓	<i>Elaps fulvius</i> , Schneider, Harlequin - Snake Kennedy Hosp. Steward, U, S, A,

1414	25 ✓	<i>Diadophis docilis</i> , Girard, Texas-Ring-Neck Snake Mr. Conrad Bock, Hosp. Steward U. S. A.
1528	26 ✓	<i>Eutaenia vagrans</i> , B & G, Dr. H. C. Yarrow A. A. Surgeon U. S. A.
1533	27 ✓	<i>Eutaenia ordinata</i> , B. & G., Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
1581	28 ✓	<i>Elaps fulvius</i> , Schneider, Harlequin Snake Dr. A. L. Buffington A. A. Surgeon U. S. A.
1582	29 ✓	<i>Crotalus adamanteus</i> , Beauv. Diamond Rattle Snake Dr. A. L. Buffington, A. A. Surgeon U. S. A.
1583	30 ✓	<i>Heterodon simus</i> , Holbr, Hognose Snake Dr. A. L. Buffington, A. A. Surgeon U. S. A.
1757	31 ✓	<i>Crotalus atrox</i> , B & G. S. Kitching, Hosp. Steward U. S. A.
1898	32 ✓	<i>Eutaenia obscura</i> , Cope, black-back Gartersnake S. Kitching, Hosp. Steward, U. S. A.
1916	33 ✓	<i>Heterodon platyrhinos</i> , Latr E. F. Schaffert Virginia
1917	34 ✓	<i>Borcanium flagelliformis</i> , Catesb, Whip-Snake, Florida Smithsonian Institution
1949	35 ✓	<i>Tropidonotus sipedon</i> , L, common Watersnake, Florida William G. Spencer, Asst, Surgeon U. S. A.
1952	36 ✓	<i>Caudisoma miliaria</i> , L., Ground-Rattle-Snake, Florida William G. Spencer, Asst, Surgeon U. S. A.

Crania of Reptilia

- 1954 37 ✓ *Heterodon platyrhinus*, Latr, Hognose, florida
William G, Spencer, Asst, Surgeon, U.S.A.
- 1955 38 ✓ *Caudisoma millaria*, Linné, Ground Rattle-Snake, florida
William G, Spencer, Asst, Surgeon U.S.A.
- 1957 39 ✓ *Heterodon platyrhinus*, Latr, Hognose, florida
William G, Spencer, Asst, Surgeon U.S.A.
- 1975 40 ✓ *Cyclophis vestitus*, Linné, St. Louis M^o
Smithsonian Institution
- 1976 41 ✓ *Elaps tener*, B. & G., Metamoras
Smithsonian Institution
- 2000 42 ✓ *Heterodon nasicus*, B & G, Sand Hills
Smithsonian Institution
- 2007 43 ✓ *Eutaenia sirtalis*, Linné, Garter-Snake, florida
Smithsonian Institution
- 2021 44 ✓ *Ophibolus boylii*, B & G, Boyles Snake, California
Smithsonian Institution
- 2026 45 ✓ *Eutaenia vagrans*, B. & G, Yellow-Stone River
Smithsonian Institution
- 2031 46 ✓ *Bascanium testaceum*, Say, Rio grande
Smithsonian Institution
- 2034 47 ✓ *Tropidonotus leberis*, Linné, Carlisle Penn^a
Smithsonian Institution
- 2041 48 ✓ *Farancia abacura*, Holbo, New Bern N. Carolina
Smithsonian Institution

2484, 2485, 2486, 2487, 2488, 2489
2490, 2491, 2492, 2493, 2494, 2495, 2496
2497, 2498, 2499, 2500, 2501², 2503, 2504
2505, 2506

Called for
Sept. 1. 1883,
Mr Myers general reception book
Comp. Anatomy

To be entered in Vol. 2

~~2420~~ 2426, 2427, 2428, 2429
2430, 2431, 2432, 2433, ~~2434~~, 2435
~~2436~~, 2437, 2438, 2439, 2440, 2441.
2442, 2443, 2444, 2445, ~~2446~~,
~~2447~~ ~~2448~~ 2449, 2450, 2451
2452, 2453, 2454, 2455, ~~2456~~ ~~2457~~
~~2458~~ 2459, 2460, 2461, 2462, 2463
2464, 2465, ~~2466~~ ~~2467~~ 2468, 2469, 2470
~~2471~~ 2472, ~~2473~~ 2474, ~~2475~~ 2476, 2477
2478, 2479, 2480, 2481, 2482, 2483

- | | | | |
|------|----|---|-------------------------------|
| 2043 | 49 | <i>Crotalus confluentus</i> , Say,
Smithsonian Institution | Pole Creek |
| 2047 | 50 | <i>Ptyopsis bellona</i> , B & G,
Smithsonian Institution | Puget sound Oregon |
| 2048 | 51 | <i>Eutaenia marciana</i> , B & G,
Smithsonian Institution | Eagle Pass, Texas |
| 2053 | 52 | <i>Storeria deKayi</i> , Holbr,
Smithsonian Institution | Madison Ohio |
| 2211 | 53 | <i>Crotalus molossus</i> , B & G,
W ^m , Fred, von Manteufel, Hosp, Steward U S A | fort Davis Texas, July 1878 |
| 2212 | 54 | <i>Ancistrodon contortrix</i> , L,
July 1878, W ^m , Fred, von Manteufel, Hosp Steward USA | Copperhead, fort Davis, Texas |
| 2213 | 55 | <i>Ancistrodon contortrix</i> , L,
July 1878, W ^m , Fred, von Manteufel, Hosp, Steward | Copperhead, fort Davis, Texas |
| 2214 | 56 | <i>Crotalus adamanteus</i> , Beauv.
1878, W ^m , Fred, von Manteufel, Hosp. Steward U S A | fort, Davis, Texas, July |
| 2215 | 57 | <i>Caudisoma tergemina</i> , Say,
W ^m , Fred, von Manteufel Hosp, Steward U S A, | fort Davis Texas, July 1878 |
| 2216 | 58 | <i>Coluber guttatus</i> , Linné,
W ^m , Fred, von Manteufel, Hosp, Steward, U. S. A. | fort Davis Texas July 1878 |

87	1	✓	Oviduct of <i>Eutaenia dorsalis</i> , B & G, containing eighteen Embryos, each of them being five inches in length, Frederic Schaffhirt, A. A. Surgeon U. S. A.
1182	2	✓	Ovae of <i>Boas anaconda</i> , Linne, the giant Snake Smithsonian Institution
1225	3	✓	Oviduct with 18 ovi, containing Embryos of 4½ inches in length of <i>Nerodia sipedon</i> , B & G, Common Water Snake Frederic Schaffhirt, A. A. Surgeon U. S. A.
2471	4		Fang and Rattle of Rattle snake Port Craig N. M. March 21 1883 Chas. Primbs Hosp ^l Steward U. S. A.

Skeletons of Batrachia

General Number	Number of Skeleton	
6	1 ✓	<i>Rana halcina</i> , Holbrook, Gold-striped Frog (fem) Frederick Schaphirt, A, A, Surgeon U, S, A,
60	2 ✓	<i>Rana pipiens</i> , Linne', Bullfrog (fem) Frederic Schaphirt, A, A, Surgeon U, S, A,
80	3 ✓	<i>Bufo americana</i> , Leconte, American Toad Frederic Schaphirt, A, A, Surgeon U, S, A,
93	4 ✓	<i>Engystoma carolinense</i> , Holbrook Dr. Perry, Assist, Surgeon U, S, A,
884	5 ✓	<i>Rana palustris</i> , Holbrook Yellow-legged Frog A, M, M,
167	6 ✓	<i>Hylodes grillus</i> , Gill, Gray Tree Frog (fem) A, M, M,
165	7 ✓	<i>Menopoma alleghaniensis</i> , Harlan, A, M, M,
679	8 ✓	<i>Amblystoma tigrinus</i> , Baird, Wah-hah-lote T, S, Floyd, Hosp. Steward U, S, A,
857	9 ✓	<i>Amblystoma mavortium</i> , Baird, (from New Mexico) Dr, W ^m , B, Lyon, A, A, Surgeon U, S, A,
963	10 ✓	<i>Amblystoma mavortium</i> , Baird, (from Colorado) Donator unknown
915	11 ✓	<i>Salamandra glutinosa</i> , Green, common Salamander Frederic Schaphirt, A, A, Surgeon U, S, A,
1102	12 ✓	<i>Bufo erythronotus</i> , Holbrook, Red-signed Toad Dr. Notson, Assist, Surgeon U, S, A,

Skeletons of Batrachia

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|------|----|---|---|
| 1232 | 13 | ♂ | <i>Bufo quercicus</i> , Holbrook, Oak-Toad
Dr. J. H. J. King, Asst. Surgeon U. S. A. |
| 1322 | 14 | ♂ | <i>Siren lacertina</i> , Linné, Mud-Eel, or Siren.
Dr. W. E. Whitehead, Asst. Surgeon U. S. A. |
| 1401 | 15 | ♂ | <i>Bufo microscaphus</i> , Girard, Western Toad
Dr. H. C. Yarrow |
| 1531 | 16 | ♂ | <i>Bufo frontosus</i> , Girard
Dr. H. C. Yarrow, A. A. Surgeon U. S. A. |
| 1538 | 17 | ♂ | <i>Bufo cognata</i> , Holbrook,
H. W. Henshaw Esq. |
| 1922 | 18 | ♂ | <i>Necturus lateralis</i> , Say,
Smithsonian Institution |
| 1923 | 19 | ♂ | <i>Rana catesbiana</i> , Shaw, Bullfrog, Pennsylvania
Smithsonian Institution |
| 1924 | 20 | ♂ | <i>Menopoma allegheniensis</i> , Harlan, Pennsylvania
Smithsonian Institution |
| 1940 | 21 | ♂ | <i>Rana palustris</i> , Leconte, Swamps-Frog, Pennsylvania
Smithsonian Institution |
| 1943 | 22 | ♂ | <i>Bufo americana</i> , Leconte, common Toad, Ill ^{as}
Smithsonian Institution |
| 1981 | 23 | ♂ | <i>Bufo lentiginosus</i> , Shaw
Smithsonian Institution |
| 2039 | 24 | ♂ | <i>Hyla carolinensis</i> , Pennant,
Smithsonian Institution |

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|------|-----|--|------------|
| 2046 | 25✓ | <i>Diemictylus torosus</i> , Eschscholtz,
Smithsonian Institution | California |
| 2051 | 26✓ | <i>Hyla versicolor</i> , Leconte,
Smithsonian Institution | Kansas |
| 2172 | 27✓ | <i>Bufo columbiensis</i> , Baird, Chilawogan Febr. 1878
Smithsonian Institution | |
| 2177 | 28✓ | <i>Bufo microscaphus</i> , Cape, Lake Tahoe, Cal. 1878
Smithsonian Institution | |
| 2179 | 29✓ | <i>Bufo halophilus</i> , Baird, Ft. Tejon California 1878
Smithsonian Institutions | |
| 2180 | 30✓ | <i>Rana pretiosa</i> , Baird, South California. 1878
Smithsonian Institution | |
| 2207 | 31✓ | ^{Indica}
<i>Rana temporaria</i> , Linne, Swamp frog, Camp Supply Febr. 13
1879, Dr. J. D. Hall, Asst. Surgeon, U. S. A. | |
| 2424 | 32 | <i>Amblystoma punctatum</i> Washington D.C. June 1881
Dr. B. F. Poole act. Asst. Surg. U. S. A. | |
| 2503 | 33 | <i>Sieboldia Maxima</i> , (Great Salamander
Japan (Purchased) | July 1883 |

Genus
 Number
 Number
 of
 Division

Crania of Batrachia

203

549	1 ✓	<i>Pseudotriton rubra</i> , Daudin,	Red Salamander A. M. M.
964	2 ✓	<i>Amblystoma mavortium</i> , Baird, Donator unknown	
1107	3 ✓	<i>Rana palustris</i> , Holbrook, Yellow-legged Frog Frederic Schaphirt, A. A. Surgeon U. S. A.	
1265	4 ✓	<i>Engystoma carolinense</i> , Kolbr. Dr. J. H. T. King, Asst. Surgeon U. S. A.	
1532	5 ✓	<i>Bufo frontatus</i> , Dr. H. C. Yarrow, A. A. Surgeon U. S. A.	
1539	6 ✓	<i>Bufo cognata</i> , Holbrook, H. W. Henshaw Esq.	
1541	7 ✓	<i>Bufo microscaphus</i> , Girard Dr. J. T. Rothrock	
1935	8 ✓	<i>Menopsoma allegheniensis</i> , Harlan, Smithsonian Institution	Pennsylvania
1993	9 ✓	<i>Diemyctylus viridescens</i> , Raf, Smithsonian Institution	Carlisle Penn ^a
2003	10 ✓	<i>Diemyctylus viridescens</i> , Raf, Smithsonian Institution	Carlisle, Penn ^a
2005	11 ✓	<i>Spelerpes ruber</i> , Daudin, Smithsonian Institution	Carlisle Penn ^a
2019	12 ✓	<i>Plethodon glutinosus</i> , Green, Smithsonian Institution	Georgia

2050. 13 ✓ *Hyla versicolor*, Leconte, Carlisle, Penn^a
Smithsonian Institution

2052 14 ✓ *Dermognathus fusca*, Raf., Carlisle, Penn^a
Smithsonian Institution

2054 15 ✓ *Dermognathus fusca*, Raf., S. Illinois
Smithsonian Institution

Genera

Number

Number

of

Division

Miscellaneous Specimens of Batrachia

207

24	1 ✓	<i>Perca flavescens</i> , Mitchel, Yellow Perch (fem) A, M, M,
3	2 ✓	<i>Procus lineatus</i> , Gill, Rock Fish (mas) A, M, M,
23	3 ✓	<i>Morone americana</i> , Perley, White Perch (fem) A, M, M,
54	4 ✓	<i>Tautoga onitis</i> , Guenther, Black Fish (mas) A, M, M,
105	5 ✓	<i>Cynoscion regalis</i> , Gill Weak Fish (mas) A, M, M,
110	6 ✓	<i>Cynoscion regalis</i> , Gill Weak Fish (fem) A, M, M,
63	7 ✓	<i>Pomatomus saltatrix</i> , Gill, Blue Fish, (mas) A, M, M,
59	8 ✓	<i>Scomber grex</i> , Mitchel, Macerel (mas) A, M, M,
111	9 ✓	<i>Gadus morrhua</i> , Linné, Cod Fish (mas) A, M, M,
616	10 ✓	<i>Microgadus tomcodus</i> , Walb, Frost Fish John Gibson Esq.
26	11 ✓	<i>Melanogramma aeglefinus</i> , Gill, Haddock A, M, M,
626	12 ✓	<i>Brosomius americanus</i> , Gill, Polar Cod Fish A, M, M,

Skeletons of Fishes

13	13 ✓	<i>Platessa plana</i> , Storer, Common Flounder (fem) A, M, M,
107	14 ✓	<i>Platessa ocellaris</i> , De Kay, Long-toothed Flounder A, M, M,
55	15 ✓	<i>Belone longirostris</i> , Gill, Silver Garfish, (mas) A, M, M,
62	16 ✓	<i>Lepidosteus osseus</i> , Gill, Common Garfish, (fem) A, M, M,
103	17 ✓	<i>Fundulus Bairdii</i> , Gill, Bairds Stone Ligger Ernst, F. Schaphirt, Hosp. Steward U, S, A,
58	18 ✓	<i>Salmo fontinalis</i> , Mitchel, Brook Trout (mas) Freeman R, Gove, U, S, A,
144	19 ✓	<i>Salmo confinis</i> , Gill, Lake Trout (mas) A, M, M,
131	20 ✓	<i>Coregonus albus</i> , Perley, Gizzardfish (mas) A, M, M,
36	21 ✓	<i>Alosa tyrannus</i> , Gill, Common Shad, (fem) A, M, M,
1078	22 ✓	<i>Gomolobus pseudo-harengus</i> , Gill, Alewife A, M, M,
16	23 ✓	<i>Esox reticulatus</i> , Storer, Pickerel, (fem) A, M, M,
146	24 ✓	<i>Esox estor</i> , Les, Lake Pike (fem) A, M, M,

599	25 ✓	<i>Stilbius americanus</i> , Gill, Frederic Schaphirt, A, A, Surgeon U, S, A,	Shiner,
28	26 ✓	<i>Carassias auratus</i> , Gill, A, M, M,	Gold Carp, (fem)
630	27 ✓	<i>Carassias auratus</i> , Gill, Mr, H, H, Nichols, U, S, A,	Gold Carp with double tail, and one Sternal Rib connected with the first Rib of right Side
66	28 ✓	<i>Carpoides</i> ? A, M, M,	Carp, (mas)
168	29 ✓	<i>Hypsolepis cornutus</i> , Girard, A, M, M,	Red-fin, (fem)
170	30 ✓	<i>Percina carpsoides</i> , Girard, A, M, M,	Perch Carp (mas)
169	31 ✓	^{corporalis mitch (Putnam)} <i>Semotilus quadricornis</i> , Schaphirt, Frederic Schaphirt, A, A, Surgeon U, S, A,	Horned Dace (mas)
585	32 ✓	<i>Semotilus rhotheus</i> , Gill, Ernst, F, Schaphirt, Hays, Steward U, S, A,	Swamp Carp
659	33 ✓	<i>Catostomus lutes</i> , Gill, A, M, M,	Chub, Sucker,
25	34 ✓	<i>Anguilla Bostoniensis</i> , Storer, A, M, M	Common Eel
21	35 ✓	<i>Pimelodus nigricans</i> , Le Sueur, A, M, M,	Black Catfish
54	36 ✓	<i>Rhamdia sumichrasti</i> , Gill, Professor Theodore Gill	Mexican Catfish

Skeletons of Fishes

11	37 ✓	<i>Centropomus nigricans</i> , Cuvier, Black Bass, (mas) A, M, M,
74	38 ✓	<i>Boleosoma fuciforme</i> , Girard, Darter, (mas) Ernst F. Schaffert, Hosp. Steward U. S. A,
5	39 ✓	<i>Lepomis auritus</i> , Gill, Common Sunfish A, M, M,
61	40 ✓	<i>Sargus ovis</i> , Cuvier, Sheepshead (mas) A, M, M,
68 ✓	41 ✓	<i>Paraphippus gigas</i> , Gill, Moonfish, (mas) A, M, M,
71	42 ✓	<i>Leptocheilus neucrateoides</i> , Gill, Ship Sucker Charles Klotz Esq.
73	43 ✓	<i>Luxilus kentuckiensis</i> , Gill, Gold-Striped Dace Ernst F. Schaffert, Hosp. Steward U. S. A,
75	44 ✓	<i>Hybognathus regius</i> , Gill, River Smelt Ernst F. Schaffert, Hosp. Steward U. S. A,
81	45 ✓	<i>Cryptocanthodes maculatus</i> , Gill, Professor Theodore Gill
108	46 ✓	<i>Dorosoma cepedianum</i> , Gill, Winter Shad (mas) A, M, M,
142	47 ✓	<i>Sciaenops ocellatus</i> , Gill, Ocellated Drumfish A, M, M,
1096	48 ✓	<i>Tegomias chromis</i> , Gill, Oyster Drumfish A, M, M.

Skeletons of Fishes

General Number	Number of Division		
147	49 ✓	<i>Micropterus achigan</i> , Gill,	Lake Squab, (mas) A, M, M.
587	50 ✓	<i>Exoglossus maxillingua</i> , Haldeman,	Tongless Fish W ^m , Shepherd Esq.
148	51 ✓	<i>Stizostedion americanum</i> , Girard,	Pine-Perch, (mas) A, W, Ferris, U, S, A,
592	52 ✓	<i>Ceraticthys biguttatus</i> , Girard,	Brook Carp, Frank Jones Esq.
57	53 ✓	<i>Hylomyzon nigricans</i> , Gill,	Black Sucker Ernst F. Schaphirt, Hosp. Steward U, S, A,
790	54 ✓	<i>Cybium maculatum</i> , Cuvier,	Spanish Mackerel A, M, M,
806	55 ✓	<i>Maxostoma oblonga</i> , Gill	Yellow Mullet A, M, M,
815	56 ✓	<i>Pomotis aureus</i> , Gill,	Gold-spotted Sunfish Ernst F. Schaphirt, Hosp. Steward U, S, A,
817	57 ✓	<i>Pomotis oboeus</i> , Girard,	Mottled Sunfish Frederic Schaphirt, A, A, Surgeon U, S, A,
823	58 ✓	<i>Hyperistius carolinensis</i> , Gill,	Black-spotted Sunfish, Frederic Mc Guire Esq.
874	59 ✓	<i>Raia undulata</i> , Lacép.	Whip-tail Ray A, M, M,
877	60 ✓	<i>Liostomus xanthurus</i> , Lac,	The Spot (young) A, W, Ferris, U, S, A,

Skeletons of Fishes

885	61	✓	<i>Liostomus xanthurus</i> , Lac. The Spot (adult) A, M, M,
879	62	✓	<i>Hybopsis hudsonius</i> , Cope, A, V, Ferris, U, S, A,
880	63	✓	<i>Fundulus heteroclitus</i> , Gill Stone-tigger A, V, Ferris, U, S, A,
881	64	✓	<i>Hydrargyra magalis</i> , Val. Mummy-Chub A, V, Ferris, U, S, A,
961	65	✓	<i>Acipenser brevirostris</i> , Le Sueur, Short-billed Sturgeon A, M, M,
1054	66	✓	<i>Exocoetus exiliens</i> , —, Flying Fish, West Coast of Africa Dr. John B. White A, A, Surgeon U, S, A,
1064	67	✓	<i>Osmerus mordax</i> , Mitchel, Salt-water Smelt, Frederic Schaphirt, A, A, Surgeon U, S, A,
1105	68	✓	<i>Anguilla bostoniensis</i> , Storer, Common Eel A, M, M,
1140	69	✓	<i>Megalops thais</i> - Smithsonian Institution
1141	70	✓	<i>Thycis americanus</i> , Storer, American Hake Smithsonian Institution
1142	71	✓	<i>Micropterus melanarius</i> - Black-Squab Smithsonian Institution
1143	72	✓	<i>Limelades atrarius</i> , De Kay, Black Catfish Smithsonian Institution

1144	73 ✓	<i>Micropteron undulatus</i> , C. V. King-fish Smithsonian Institution
1145	74	
1145	74 ✓	<i>Umbrina alburnus</i> , C. V. Kingfish Smithsonian Institution
1146	75 ✓	<i>Cynoscion carolinensis</i> , Baird, Black-spotted Trout Smithsonian Institution
1154	76 ✓	<i>Umbrina alburnus</i> , C. V. Kingfish Smithsonian Institution
1155	77 ✓	<i>Acanthias americanus</i> , De Kay, Dog-Shark Smithsonian Institution
1159	78 ✓	<i>Praia laevis</i> , Mitchell, Skate Smithsonian Institution
1164	79 ✓	<i>Lophius americanus</i> , Cuvier, Goose-Fish Smithsonian Institution
1165	80 ✓	<i>Trygon centrura</i> , Cuvier, Sting-Ray (Young) Smithsonian Institution
1166	81 ✓	<i>Eugomphodus littoralis</i> , — Sand-Shark Smithsonian Institution
1168	82 ✓	<i>Oreynus thunnina</i> — King-Mackerel Smithsonian Institution
1174	83 ✓	<i>Trygon Centrura</i> , Cuvier, — Sting-Ray (Adult) Smithsonian Institution
1201	84 ✓	<i>Pagrus argyrops</i> , Cuvier, the Porgy A. M. M.

Skeletons of Fishes

- 1211 85 ✓ *Trachynotus carolinus*, Gill, Pompsino.
A. M. M.
- 1212 86 ✓ *Stenostomus argyrops*, Gill, Porgy,
Smithsonian Institution
- 1413 87 ✓ *Tetraodon turgidus*, Mitchel, Toad-Fish,
Mr. Ernst Schmid, of Washington D. C.
- 1577 88 ✓ *Polyodon folium*, the paddle Fish
Mr. Fred. Mather, of Philadelphia
- 1578 89 ✓ *Thymallus unicolor*, the Grayling
Mr. Fred Mather of Philadelphia
- 1579 90 ✓ *Hoplostodonatus grunniens*,
Mr. Fred. Mather of Philadelphia
- 1588 91 ✓ *Rhin Torpedo centrura*, Cuvier, Sting-Ray (Young)
Dr. A. C. Tarrow, A. A. Surgeon U. S. A.
- 1714 92 ✓ *Caracanthus aurantiacus*, (Chesapeake Bay
Dr. Joseph R. Smith, Surgeon U. S. A.
- 1715 93 ✓ *Argyrius capillaris*, de Kay, (Chesapeake Bay
Dr. Joseph R. Smith, Surgeon U. S. A.
- 1716 94 ✓ *Trachynotus ovatus*, Linne', Short Pompsano, Chesapeake
Dr. Joseph R. Smith Surgeon U. S. A.
- 1723 95 ✓ *Chilomycterus geometricus*, Kaup, Porcupine Fish
Dr. H. C. Tarrow, A. A. Surgeon U. S. A.
- 1724 96 ✓ *Stilbe americana*, Linne', Shiner, Delaware
Dr. H. C. Tarrow, A. A. Surgeon U. S. A.

- 1725 97 ✓ *Acanthurus chirurgus*, Schneider, the Surgeon, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1726 98 ✓ *Batrachus tau*, Linne', Oyster fish, Chesapeake Bay
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1727 99 ✓ *Pimelodus furcifer*, Cuv, forktail Catfish, Delaware
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1728 100 ✓ *Pimelodus furcifer*, Cuv, forktail Catfish, Delaware
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1729 101 ✓ ~~*Dactylopterus volitans*, Linne', flying Fish, Atlantic~~
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
Prionotus evolans Bermuda
- 1730 102 ✓ ~~*Dactylopterus volitans*, Linne', flying Fish, Atlantic~~
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
Prionotus evolans, Bermuda
- 1731 103 ✓ *Catostomus commersoni*, Günther, Common Sucker, Delaware
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1734 104 ✓ *Centropristes atrarius*, Linne', Black Bass, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1735 105 ✓ *Pomatiis aureus*, Gill, Common Surf fish, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1739 106 ✓ *Holconotus rhadotus*, Girard, S. Barbara California
Dr. H. C. Yarrow A. A. Surgeon U. S. A.
- 1740 107 ✓ *Holconotus rhadotus*, Girard, S. Barbara California
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1742 108 ✓ *Carassius auratus*, Bleeker, Goldfish, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.

- 1743, 109 *Scarus radians*, Cuv, Spanish Porgy, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
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- 1744 110 *Scarus radians*, Cuv, Spanish Porgy, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
-
- 1745 111 *Pimelasterus Boscii*, Lacep, The Bream, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
-
- 1746 112 *Holocentrum saga*, Bloch, The Squirrel, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
-
- 1749 113 *Holocentrum saga*, Bloch, The Squirrel, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
-
- 1751 114 *Glyphidodon saxatilis*, Cuv, Cow-Pilot, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon, U. S. A.
-
- 1761 115 *Trachinotus carolinus* (L) Gill, Woods Hole, Mass.
Smithsonian Institution
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- 1762 116 *Sarothrodus bimaculatus* (Bloch) Poey, Bermuda
Smithsonian Institution
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- 1763 117 *Fundulus pisculentus* (Mitch) Val, Woods Hole Mass
Smithsonian Institution
-
- 1764 118 *Fundulus pisculentus* (Mitch) Val, Woods Hole Mass
Smithsonian Institution
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- 1765 119 *Hydrargyra majalis* (Walb) Val, Woods Hole Mass
Smithsonian Institution
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- 1767 120 *Chirostoma notatum* (Mitch) Gill, Woods Hole, Mass
Smithsonian Institution
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- 1768 121^v *Blepharichthys crinitus*, (Aserly) Gill, Woods Hole, Mass
Smithsonian Institution
- 1769 122^v *Vomer setipinnis*, (Mitch) Ayres, N. York market
Smithsonian Institution
- 1771 123^v *Chasmodon ocellaris*, (De Kay) Gill, Noank, Conn.
Smithsonian Institution
- 1772 124^v *Microgadus tomcodus* (Walb.) Gill, Woods Hole
Mass.
Smithsonian Institution
- 1773 125^v *Holacanthus ciliaris*, (L) Lac, Bermuda
Smithsonian Institution
- 1774 126^v *Poronotus triacanthus*, (Peck) Gill, Noank, Conn.
Smithsonian Institution
- 1775 127^v *Tautoglabrus adspersus*, (Walb.) Gill, Portland Maine
Smithsonian Institution
- 1776 128^v *Stenostomus argyrops*, (L) Gill, Woods Hole Mass.
Smithsonian Institution
- 1777 129^v *Zoarces anguillaris*, (Peck) Storer, Eastport Maine
Smithsonian Institution
- 1778 130^v *Peprilus gardenii* (Bl. Sch) Gill, Washington Market
Smithsonian Institution
- 1779 131^v *Pomoxys hexacanthus* (Cuv. et V) Ag, Wilmington N. C.
Smithsonian Institution
- 1780 132^v *Albula conorhynchus*, Bl. et Sch. Bermuda
Smithsonian Institution

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| 1781 | 133 ^v | <i>Archosargus probatocephalus</i> (Walb) Gill, Fulton market
Smithsonian Institution |
| 1782 | 134 ⁿ | <i>Menticirrhus nebulosus</i> (Mitch) Gill, Woods Hole Mass.
Smithsonian Institution |
| 1783 | 135 ⁿ | <i>Prionotus carolinus</i> (L) C&V, Noank, Conn.
Smithsonian Institution |
| 1784 | 136 ⁿ | <i>Amiurus lophius</i> , (Gir) Gill, Huntingtown Md.
Smithsonian Institution |
| 1785 | 137 ⁿ | <i>Chaenopssetta dentata</i> , (L) Gill, St. Johns R. Florida
Smithsonian Institution |
| 1786 | 138 ⁿ | <i>Pomolobus mediocris</i> (Mitch) Gill, Woods Hole Mass
Smithsonian Institution |
| 1788 | 139 ⁿ | <i>Lophopssetta maculata</i> , (Mitch) Gill, Eastport Maine
Smithsonian Institution |
| 1789 | 140 ⁿ | <i>Micropterus salmoides</i> , (Lac) Gill, upper Potomac
Smithsonian Institution |
| 1791 | 141 ⁿ | <i>Brevoortia menhaden</i> (Mitch) Gill, Woods Hole Mass
Smithsonian Institution |
| 1792 | 142 ⁿ | <i>Epinephelus striatus</i> (Bloch) Gill, Bermuda
Smithsonian Institution |
| 1793 | 143 ⁿ | <i>Hemirhamphus pleii</i> , Val, Bermuda
Smithsonian Institution |
| 1794 | 144 ⁿ | <i>Dactylopterus volitans</i> (L) Lac, Woods Hole Mass
Smithsonian Institution |

1795) 145 *Pleuronectes glaber* (Storer) Gill, Portland Maine
Smithsonian Institution

1796 146^v *Haplodonotus grunniens*, Raf, Detroit, Mich.
Smithsonian Institution.

1797 147^v *Hgodon tergirus*, Les, Sandusky, Ohio
Smithsonian Institution

1798 148^v *Ludjanus caxus*, (Schn) Poey, Bermuda
Smithsonian Institution

1800 149^v *Sarda pelamys* (L) Cuv, Noank Conn,
Smithsonian Institution

1801 150^v *Decapterus* ^{punctatus} ~~punctatus~~, (Mitch) Gill, Bermuda
Smithsonian Institution

1802 151^v *Elops saurus*, Linne, New Bedford Mass
Smithsonian Institution

1803 152^v *Amia calva*, Linne, Sandusky Ohio
Smithsonian Institution

1804 153^v *Eucinostomus lefrogi*, Goode, Bermuda
Smithsonian Institution

1805 154^v *Erimyzon oblongum* (Mitch) Jordan, Potomac
Smithsonian Institution

1806 155^v *Epinephelus guttatus* (Gmel) Goode, Bermuda
Smithsonian Institution

1807 156^v *Clupea harengus*, Linne, Eastport Maine
Smithsonian Institution

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| 1809 | 157 ⁿ | <i>Esox lucius-estor</i> , Lesl. Sandusky Ohio
Smithsonian Institution |
| 1810 | 158 ⁿ | <i>Notemigonus americanus</i> (L.) Jordan Sandusky Ohio
Smithsonian Institution |
| 1811 | 159 ⁿ | <i>Halatractus zonatus</i> , (Mitch) Gill, Wood Hole Mass
Smithsonian Institution |
| 1812 | 160 ⁿ | <i>Cottus 18-spinosus</i> , Mitch, Portland, Maine
Smithsonian Institution |
| 1814 | 161 ⁿ | <i>Stephanobryis setifer</i> (Bennett) Gill, Woods Hole Mass
Smithsonian Institution |
| 1815 | 162 ⁿ | <i>Sphyraena borealis</i> , DeKay, Woods Hole mass
Smithsonian Institution |
| 1816 | 163 ⁿ | <i>Lota lacustris</i> , (Walb) Gill, Alpine Mich,
Smithsonian Institution |
| 1817 | 164 ⁿ | <i>Esox nobilior</i> , Thompson, Sandusky Ohio
Smithsonian Institution |
| 1818 | 165 ⁿ | <i>Mustelus canis</i> (Mitch) DeKay, Woods Hole mass.
Smithsonian Institution |
| 1819 | 166 ⁿ | <i>Scaphirhynchops platyrhynchus</i> (Prof) Cope, Cincinnati
Smithsonian Institution |
| 1820 | 167 ⁿ | <i>Trachynotus carolinus</i> , (Linne) Gill, N. Y. market
Smithsonian Institution |
| 1821 | 168 ⁿ | <i>Ceratacanthus aurantiacus</i> (Mitch) Gill, Woods Hole
mass
Smithsonian Institution |

Crania of Fishes

General Number	Number of Division		
568	1 st	<i>Perca flavescens</i> , Mitchel,	Yellow Perch A, M, M.
43	2 nd	<i>Proccus lineatus</i> , Gill, Ernst F. Schaphirt, Hosp. Steward U, S, A,	Rock-Fish
558	3 rd	<i>Morone americana</i> , Mitchel,	White Perch A, M, M.
576	4 th	<i>Tautoga onitis</i> , Guenther,	Black-Fish A, M, M.
575	5 th	<i>Centropistes nigricans</i> , Cuvier,	Black-Bass A, M, M.
556	6 th	<i>Cynoscion regalis</i> , Storer,	Weak-Fish A, M, M.
553	7 th	<i>Gadus morrhua</i> , Linne',	Cod-Fish A, M, M.
562	8 th	<i>Belone longirostris</i> , Gill,	Silver-Garfish A, M, M.
565	9 th	<i>Lepidosteus osseus</i> , Gill,	Garfish A, M, M.
566	10 th	<i>Lepidosteus osseus</i> , Gill,	Garfish A, M, M.
574	11 th	<i>Salmo fontinalis</i> , Mitchel,	Brook Trout A, M, M.
67	12 th	<i>Pomatomus saltatrix</i> , Gill,	Blue Fish A, M, M.

General Number	Number of Division		
555	13 ^v	<i>Pomatomus saltatrix</i> , Gill,	Blue Fish A, M, M.
570	14 ^v	<i>Alosa tyrannus</i> , Gill,	Common Shad A, M, M.
567	15 ^v	<i>Dorosoma cepedianum</i> , Gill,	Winter Shad A, M, M.
1070	16 ^v	<i>Pomolobus pseudo-harengus</i> , Gill,	Alewife A, M, M.
1071	17 ^v	<i>Pomolobus pseudo-harengus</i> , Gill,	Alewife A, M, M.
1072	18 ^v	<i>Pomolobus pseudo-harengus</i> , Gill,	Alewife A, M, M.
1073	19 ^v	<i>Pomolobus pseudo-harengus</i> , Gill,	Alewife A, M, M.
557	20 ^v	<i>Esox reticulatus</i> , Storer,	Pickarel A, M, M.
609	21 ^v	<i>Esox estor</i> , Les,	Lake Pike A, M, M.
569	22 ^v	<i>Carassias auratus</i> , Gill,	Gold Carp A, M, M.
573	23 ^v	<i>Semotilus pulchellus</i> , Gill,	Brook-Dace A, M, M.
866	24 ^v	<i>Semotilus atropneus</i> , Gill Frederic Schaffert; A, A, Surgeon U. S. A,	Swamp Carp

120	25 ✓	<i>Pogonias chromis</i> , Gill,	Oyster Drum Fish A, M, M,
559	26 ✓	<i>Sciaenops ocellatus</i> , Gill,	Ocellated Drum Fish A, M, M,
152	27 ✓	<i>Hippoglossus americanus</i> , Gill,	Halibut A, M, M,
560	28 ✓	<i>Hypognathus regius</i> Gill,	River Smelt A, M, M,
563	29 ✓	<i>Pimelodes nigricans</i> , Le Sueur,	Black Catfish A, M, M,
564	30 ✓	<i>Pimelodes nigricans</i> , Le Sueur,	Black Catfish A, M, M,
572	31 ✓	<i>Hylomyzon nigricans</i> , Agassiz,	Black-clouded Sucker A, M, M,
574	32 ✓	<i>Sargus oris</i> , Linne',	Sheepshead A, M, M,
662	33 ✓	<i>Catastomus teres</i> , Gill, A, W, Ferris, U, S, A,	Chub, Sucker
663	34 ✓	<i>Catastomus teres</i> , Gill, A, W, Ferris, U, S, A,	Chub, Sucker
664	35 ✓	<i>Catastomus teres</i> , Gill, A, W, Ferris, U, S, A,	Chub, Sucker
665	36 ✓	<i>Catastomus teres</i> , Gill, A, W, Ferris, U, S, A,	Chub, Sucker

Crania of Fishes

588	37 [✓]	<i>Ceratichthys biguttatus</i> , Girard, Brook Carp Ernst, F, Schaphirt, Hosp, Steward U, S, A,
807	38 [✓]	<i>Moxostoma oblonga</i> Gill, A, M, M,
850	39 [✓]	<i>Lepomis gigas</i> , Gill, Moonfish A, M, M,
863 [✓]	40 [✓]	<i>Perca flavescens</i> , Mitchel, Yellow Perch with maxilla superior in rudimentary condition, Frederic Schaphirt, A, A, Surgeon U, S, A,
864	41 [✓]	<i>Hypsilepus cornutus</i> , Girard, Redfin Frederic Schaphirt, A, A, Surgeon U, S, A,
865	42 [✓]	<i>Lepomis auritus</i> , Gill, Common Sunfish Frederic Schaphirt A, A, Surgeon U, S, A,
878	43 [✓]	<i>Liostomus xanthurus</i> , Lacép. The Spot (young) A, V, Ferris, U, S, A,
886	44 [✓]	<i>Liostomus xanthurus</i> , Lacép. The Spot A, M, M,
887	45 [✓]	<i>Liostomus xanthurus</i> , Lacép. The Spot A, M, M,
882	46 [✓]	<i>Chirostoma notata</i> , Gill A, V, Ferris, U, S, A,
1092	47 [✓]	<i>Cybium maculatum</i> , Cuvier, Spanish Mackerel A, M, M,
1094	48 [✓]	<i>Anguilla bostoniensis</i> , Storer, Common Eel A, M, M,

1095	49 ⁿ	<i>Anguilla bostoniensis</i> , Storer, Common Eel A, M, M.
812	50 ⁿ	<i>Pseudoscus guacamaia</i> , Guenther, Parrot Fish Dr. Johnson Elliot
846	51 ⁿ	<i>Pseudoscus guacamaia</i> , Guenther, Parrot Fish Captain Asa Fitch, U, S, N,
673	52 ⁿ	<i>Eulamia Milbertii</i> , Gill, Milbert's Shark Dr. Robert, W, Stone
1052	53 ⁿ	<i>Galeocerdo tigrinus</i> , Gill, Spotted Shark Colonel H, B, Clitz 10 th U, S, Inf. Reg. Texas
1015	54 ⁿ	<i>Pristis antiquorum</i> , Latr, Maxilla Sup. of Sawfish Lieut, Lincoln 10 th U S Inf. Reg. Texas
1063	55 ⁿ	<i>Pristis antiquorum</i> , Latr, Maxilla Sup. of Sawfish Dr. Henry Mc Eldery, Assist. Surgeon U, S, A,
554	56 ⁿ	<i>Melanogramma aeglefinus</i> Gill, Haddock A, M, M.
1100	57 ⁿ	<i>Scomber grex</i> , Mitchel, Mackerel A, M, M.
1133	58 ⁿ	<i>Fundulus heteroclitus</i> , Gill, Stone-tugger Frederic Schaffhirt, A. A. Surgeon. U. S. A.
1135	59 ⁿ	<i>Pristis antiquorum</i> , Latr, Maxilla Sup. of Sawfish Donator unknown
1147	60 ⁿ	<i>Microgogon undulatus</i> , C. V. Hick-fish Smithsonian Institution

Crania of Fishes

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| 1149 | 61 ✓ | <i>Umbrina alburnus</i> , C. V. Kingfish
Smithsonian Institution |
| 1150 | 62 ✓ | <i>Gomolis obesus</i> , Girard, Mottled Sunfish
Smithsonian Institution |
| 1151 | 63 ✓ | <i>Umbrina alburnus</i> , C. V. Kingfish
Smithsonian Institution |
| 1152 | 64 ✓ | <i>Acipenser brevirostris</i> , Le Sueur, Short-billed Sturgeon
Smithsonian Institution |
| 1153 | 65 ✓ | <i>Platessa plana</i> , Storer, Winter Flounder
Smithsonian Institution |
| 1156 | 66 ✓ | <i>Lophius americanus</i> , Cuvier, Goose-Fish
Smithsonian Institution |
| 1157 | 67 ✓ | <i>Lophius americanus</i> , Cuvier, Goose-Fish
Smithsonian Institution |
| 1158 | 68 ✓ | <i>Gomatomus saltatrix</i> , Gill, Blue-Fish
Smithsonian Institution |
| 1167 | 69 ✓ | <i>Mustelus canis</i> , De Kay, Dog-Shark
Smithsonian Institution |
| 1169 | 70 ✓ | <i>Oregmus thunnina</i> —
Smithsonian Institution |
| 1170 | 71 ✓ | <i>Oregmus thunnina</i> —
Smithsonian Institution |
| 1171 | 72 ✓ | <i>Eagomphodus littoralis</i> — Sand-Shark
Smithsonian Institution |

- 1172^v 73^v *Eulamia obscura*, Blue-Shark
Smithsonian Institution
- 1190 74^v *Gnascion carolinensis*, Baird, Black-spotted Trout
Frederic Schaffhirt, Act, Asst, Surg. U. S. A.
- 1202 75^v *Pagrus argyrops*, Cuvier, the Porgie
A. M. M.
- 1203 76^v *Pagrus argyrops*, Cuvier, the Porgie
A. M. M.
- 1204 77^v *Pagrus argyrops*, Cuvier, the Porgie
A. M. M.
- 1262 78^v *Eulamia obscura* Blue-Shark
Smithsonian Institution
- 1269 79^v Maxillae of *Eulamia Milbertii*, Gill, Milbert's Shark
Dr. J. W. Van Arman, Washington D. C.
- 1288 80^v *Salmo confinis*, Gill, Lake Trout
A. M. M.
- 1711 81^v *Trichiurus lepturus*, Bonito Pilot
Dr. Joseph R. Smith, Surgeon U. S. A.
- 1732 82^v Palate bone of *Pogonius chromis*, Lacép. Drampfish
Dr. Joseph R. Smith, Surgeon U. S. A.
- 1741 83^v *Stizostedion grisea*, Gray Pike, Mud Pike Delaware
Dr. H. C. Varrow, A. A. Surgeon U. S. A.
- 1747 84^v *Pomotis aureus*, Gill, Common Sunfish Bermuda
Dr. H. C. Varrow, A. A. Surgeon U. S. A.

Crania of Fishes

1748. 85^v *Scarus radians*, Cuv, the Spanish Porgy Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1750 86^v *Holocentrum soga*, Bloch, the Squirrel, Bermuda
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1766 87^v *Hydrargyra majalis* (Walb.) Val. Woods Hole, Mass
Smithsonian Institution
- 1790 88^v *Pimalepterus boscii*, Lac, Bermuda
Smithsonian Institution
- 1787 89^v *Micropterus nigricans* (Cet V) Gill, Tangipahoa R., Miss
Smithsonian Institution
- 1790 90^v *Esox americanus*, Lac, American Pike, N. York market
Smithsonian Institution
- 1799 91^v *Micropterus salmoides*, (Lac) Gill, Halyoke Mass
Smithsonian Institution
- 1808 92^v *Polyodon folium*, Lac, Paddle-Fish, Madison Ind
Smithsonian Institution
- 1813 93^v *Glyphidodon saxatilis* (L) Cuv, Bermuda
Smithsonian Institution
- 1832 94^v *Pollachius carbonarius* (Linne') Bon. Eastport Maine
Smithsonian Institution
- 1835 95^v *Centropristes atrarius* (L) Barn, Woods Hole Mass
Smithsonian Institution
- 1847 96^v *Synodus foetens* (L) Gill Beaufort N. C.
Smithsonian Institution

1856	97 ^v	<i>Catostomus longirostrum</i> , Les., Essex Co. N. Y. Smithsonian Institution
1864	98 ^v	<i>Acipenser oxyrinchus</i> , Mitch., Potomac River Smithsonian Institution
1866	99 ^v	<i>Etrumeus teres</i> (Mitch.) Brevoort Woods Hole mass Smithsonian Institution
1868	100 ^v	<i>Trichiurus lepturus</i> , Linne', Beaufort N. C. Smithsonian Institution
1869	101 ^v	<i>Trichiurus lepturus</i> , Linne', Beaufort N. C. Smithsonian Institution
1871	102 ^v	<i>Haemulon</i> Florida Smithsonian Institution
1876	103 ^v	<i>Paraphippus quadratus</i> (Gun) Gill, Beaufort N. C. Smithsonian Institution
1879	104 ^v	<i>Opisthonema thrissa</i> , Gill, Eastern shore of Va. Smithsonian Institution
1880	105 ^v	<i>Mugil cephalatus</i> , Honolulu, Id. Smithsonian Institution
1888	106 ^v	<i>Carangus hippos</i> (Linne) Gill, Beaufort N. C. Smithsonian Institution
1920	107 ^v	<i>Chilichthys turgidus</i> , Mitch, Toadfish, Potomac William G. Schaphert
2191	108	<i>Squalus carcharias</i> , L. Manatee Shark, Coast of Florida Sept. 17 th 1878, Dr. G. Foster, Asst. Surgeon U. S. A.

- 2323 109 ✓ *Aspidophoroides monopleurygius*, Mass., Bay, June 79
Smithsonian Institution
-
- 2334 110 ✓ *Cyprinus carpio*, L., Druid Hall Park Md, June 1879
Smithsonian Institution
-
- 2340 111 *Metrocopus anoplus*, June 1879
Smithsonian Institution
-
- 2350 112 ✓ *Belone latimanus*, N. Y., Market, June 1879
F 34 Smithsonian Institution
-
- 2355 113 ✓ *Stizostedium americanum*, Cuv, East Coast, June 1879
Smithsonian Institution
-
- 2356 114 ✓ *Prionotus evolans*, Linne, Eastern Coast, June 1879
Smithsonian Institution
-
- 2362 115 ✓ *Oncorhynchus quinnet*, M^c Cloud Riv, Cal, June 1879
Smithsonian Institution
-
- 2363 116 ✓ *Phycis tenuis*, Lat, 42° 42' N, Long, 64°, 20' W, June 1879
Smithsonian Institution
-
- 2364 117 *Iepidosaurus ferox*, Le Have, June 1879
Smithsonian Institution
-
- 2369 118 ✓ *Leptecheneis naucrateoides*, Newport R, I, June 1879
Smithsonian Institution
-
- 2372 119 ✓ *Taeniotoxa lateralis*, California June 1879
Smithsonian Institution
-
- 2375 120 ✓ *Sebastes norvegicus*, June 1879
Smithsonian Institution

As R Pmg
Gill about

Notropis anophus

Sepidosauna
perre

2377. 121✓ *Chimaera plumbea*, La Hove, June 1879
Smithsonian Institution
- 2378 122✓ *Oreynus pelamys*, Woods Hole June 1879
Smithsonian Institution
- 2383 123✓ *Raia erinacea*, Gloucester Mass, June 1879
Smithsonian Institution
- 2384 124✓ *Raia radiata*, Gloucester, Mass, June 1879
Smithsonian Institution
- 2423 125✓ *Sebastichthys chlorostictus* Jor & Gill.
San Francisco Cal, Smithsonian Inst May 9. 1881
- 2436 126 *Heterodontus francisci* (Grd & Gill) June 1881
Santa Catalina Island Cal. Smithsonian Inst
- 2434 127 *Menticirrhus undulatus* (Grd) Gill
Santa Barbara Cal, Smithsonian Inst, June 1881
- 2446 128 *Sebastichthys carnatus* (Jor & Gill)
San Francisco Cal, Smithsonian Inst June 1881
- 2647 129 *Pagamas Cromis*
Mr. W.C. Thomas Washington D.C. June 1881

General
Number
Number
of
Division

Miscellaneous Specimens of Fishes

239

145	1 ✓	Intestinal canal of <i>Salmo confinis</i> , (Lake Trout) exhibiting the large development of tubular Glands Frederic Schaphirt, A.A. Surgeon U.S.A.
875	3 ✓	Heart of <i>Praia undulata</i> , Lacép. Whip-tail Ray Frederic Schaphirt, A.A. Surgeon U.S.A.
1093	3 ✓	Alimentary canal of <i>conger occidentalis</i> , DeKay, Conger Eel, Frederic Schaphirt A.A. Surgeon U.S.A.
1098	4 ✓	Cöcal (vermiform) appendages of <i>Pogonius chromis</i> Frederic Schaphirt, A.A. Surgeon U.S.A.
1097	5 ✓	Heart of <i>Pogonius chromis</i> , Gill, Oyster Drumpfish Frederic Schaphirt, A.A. Surgeon U.S.A.
1173	6 ✓	Heart of <i>Eulamia obscura</i> , Blue Shark Smithsonian Institution
2236	7 ✓	Egg of <i>Praia lavis</i> , Mitch, Sharp nosed Skate, fortrefs Monroe, April 19 th 1879. Dr Jos. R. Smith, Surgeon U.S.A.
2382	8 ✓	Embryonic Shark (6½ inches long) with umbilical cord and placenta, June 1879, Smithsonian Institution
2447	9	Portion of the upper jaw of <i>Pogonias Chromis</i> M. W. C. Thomas Washington D.C. June 1881

Washington

May 23 1873
Dr. J. J. Woodward, Jr.

Dear Sir,

I herewith return two skulls of *Lepidosteus* (565, 566) and one of *Acipenser* (96) borrowed some time since and beg to renew my thanks for the loan.

I have taken the liberty of altering the name of the Sturgeon; it should be *A. oxyrinchus*.

Yours very truly

Wm. C. C. Kill

1024	1	<i>Strongylus gigas</i> , found in a Kidney of a Dog Adolf I. Schaphirt Esq.
1029	2	found in Stomach of an Opossum Dr. E. Palmer A, A Surgeon U, S, A,
594	3	found in trachea of <i>Haliaeetus</i> <i>leucocephalus</i> , Savigny, Bald Eagle Frederic Schaphirt, A, A, Surgeon U, S, A,
1025	4	from throat of a Common Chick with gaps, Dr, C, Sutherland, Med, Purveyor U, S, A,
1026	5	from Stomach of <i>Pelecanus fuscus</i> , Dr. E. Palmer, A, A, Surgeon U, S, A,
1027	6	found in <i>Melospiza pallax</i> Rocky mountain Sparrow, Dr. E. Palmer, A, A, Surgeon U, S, A,
1028	7	found inside of a Toad Dr, E, Palmer, A, A, Surgeon U, S, A,
1030	8	lives in orbit of <i>Nauclerus furcatus</i> Swallow-tailed Hawk Dr, E, Palmer, A, A, Surgeon U, S, A,
1031	9	found in a Rattle Snake Dr, E, Palmer, A, A, Surgeon U, S, A,
1032	10	found in <i>Pipilo mesoleucus</i> , Dr, E, Palmer, A, A, Surgeon U, S, A,
1033	11	found in orbitae of <i>Buteo</i> <i>montana</i> , Dr, E, Palmer, A, A, Surgeon U, S, A,

Entozoa

1034	12	found in <i>Vireo pusilla</i> Dr. E. Palmer, A.A. Surgeon U.S.A.
1035	13	found in Stomach of <i>Stereolepis</i> <i>gigas</i> , Dr. E. Palmer A.A. Surgeon U.S.A.
1036	14	no history Dr. E. Palmer, A.A. Surgeon U.S.A.
617	15	under Peritoneal coat of Liver in <i>Gadus morrhua</i> , Linné, Cod fish Ernst, F. Schaphirt, Hosp. Steward, U.S.A.
132	16	found in <i>Coregonus albus</i> Gizzard fish, - Frederic Schaphirt A.A. Surgeon U.S.A.
104	17	found in abdomen of <i>Fundulus</i> <i>Bairdii</i> , Gill, Bairds Stone Tugger Frederic Schaphirt, A.A. Surgeon U.S.A.
589	18	found in the centre of an half Decayed Apple, Theodore Friebe Esq
1067	19	found in mesenteric folds of a Monkey, Frederic Schaphirt A.A. Surgeon U.S.A.
1062	20	from Intestines of <i>Lynx</i> <i>canadensis</i> , Dr. A. S. Comfort, A.A. Surgeon U.S.A.
1085	21	found in Soft Shell Turtle C. Wateman, Hosp. Steward U.S.A.
1099	22	found in Caudal muscles of <i>Pogonias chromis</i> , Gill, Oyster Drump fish. Frederic Schaphirt, A.A. Surgeon U.S.A.

1138	23	Taenia from Intestines of Lepus palustris, Bach Marsh-Rabbit, Dr. Farrow
1186	24	from Intestines of Alligator Lucius, Cav. Frederic Schafhirt, Act. Asst, Surgeon, U. S. A.
1188	25	Taenia from intestines of Rana halcina, Holb., Gold-striped Frog, Dr. McConnel U. S. A.
1415	26	from intestines of Podiceps cornutus, Latham Hornet Grebe, Dr. S. H. Bartholff, Asst, Surgeon U. S. A.
1591	27	found in intestines of felis domesticus Dr. Daniel Lamb, A. A. Surgeon U. S. A.
1592	28	Gordius filum, L, found in Sage creek Dr. A. P. Frick, A. A. Surgeon, U. S. A.
1593	29	Gordius aquaticus, L, found in Sage creek Dr. A. P. Frick, A. A. Surgeon U. S. A.
1932	30	found in Eutaenia dorsalis, B. & G. Frederic Schafhirt
2057	31	A worm, 33 $\frac{1}{4}$ inches in length, found in the liver of a Dog. by Nathaniel J. Coffin, Washington D. C.
2171	32	Gordius aquaticus, L, two feet and nine inches long. found in south fork of little Wind River, Wy. Ter. Dr. Thos. G. Maghee, A. A. Surg. U. S. A.
2416	33	Tape-worm from the intestines of ^{centrocercus} Krophasiakus, (Sage Cock) together with a portion of the bowels, in which the parasites still remain, all from the same bird, but only half the number forwarded Dr. R. W. Shufeld, Asst, Surgeon U. S. A. September 10 th 1880.

2417. 34

found in the Abdominal
Cavity of *Sturnella Magna* (Swain) Meadow Lark
Presented by E. F. Schaffnit January 5th 1887

- 1471 ✓ 71 Sternum of *Sturnella neglecta*, Aud, Western Lark
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1473 ✓ 72 Sternum of *Scolecophanus cyanocephalus*, Cab, Brewers
Blackbird, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1474 ✓ 73 Sternum of *Collyris borealis*, Baird, Great northern
Shrike, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1475 ✓ 74 Sternum of *Picoides dorsalis*, Baird,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1476 ✓ 75 Sternum of *Lophophanes wollweberi*, Bonap.
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1477 ✓ 76 Sternum of *Picus Harrisii*, Aud, Harris woodpecker
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1478 ✓ 77 Sternum of *Harporhynchus palmeri*.
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1479 ✓ 78 Sternum of *Xanthocephalus icterocephalus*.
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1482 ✓ 79 Sternum of *Ereunetes pusillus*, Arizona Sandpiper
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1487 ✓ 80 Sternum of *Calamospiza bicolor*, Bonap, Lark-Bunting
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1494 ✓ 81 Sternum of *Chrysomitris psaltria*, Bonap, Arkansas Finch
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1496 ✓ 82 Sternum of *Lophophanes inornatus*, Cassin
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.

- 1502 ✓ 83 Sternum of *Carpodacus frontalis*, Gray, House-Finch
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1505 ✓ 84 Sternum of *Spizella breweri*, Cassin, Brewers Sparrow
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1507 ✓ 85 Sternum of *Certhia familiaris*, Common Creeper
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1509 ✓ 86 Sternum of *Contopus richardsonii*, Baird, Short-legged Pewee, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1512 ✓ 87 Sternum of *Hedymeles melanocephalus*,
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1515 ✓ 88 Sternum of *Cotyle serripennis*, Bon. Rough-winged Swallow, Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1517 ✓ 89 Sternum of *Campylorhynchus brunneicapillus*, Gray
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1521 ✓ 90 Sternum of *Hirundo horreorum*, Barton, Barn Swallow
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1522 ✓ 91 Sternum of *Stelluta callippe*, Humming-Bird
Dr. H. C. Yarrow, A. A. Surgeon U. S. A.
- 1552 ✓ 92 Sternum of *Haematopus niger*, Pallas, Bachmans Oyster-catcher, H. W. Henshaw, U. S. Coast Survey
- 1553 ✓ 93 Sternum of *Bucephala americana*, Baird, Golden Eye,
H. W. Henshaw, U. S. Coast Survey
- 1575 94 Two of the eight Eggs which were found in the ovaries of an Eggbound Chicken, which carried the same for two Years, these Eggs are thickly covered with a gelatinous Substance,
John Fahrenkopf Esq. of Washington D. C.

- 1595✓ 95. Sternum of *Falco sparverius*, L, Sparrow-Hawk
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1597✓ 96 Sternum of *Recurvirostra americana*, Gm, Blue Stomach
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1601✓ 97 Sternum of *Sterna forsterii*, Nutt, Forsters Tern
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1606✓ 98 Sternum of *Totanus semipalmata*, Willet, Semipalmated Tattler
Dr. Chas. Ew. Chesney, A. A., Surgeon, U. S. A.
- 1611✓ 99 Sternum of *Calamospiza bicolor*, Bonap. Lark-Bunting
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1620✓ 100 Sternum of *Tringa minutella*, Vieil, Least Sandpiper
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1624✓ 101 Sternum of *Progne purpurea*, Boie, Purple Martin
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1628✓ 102 Sternum of *Icterus baltemore*, Wilson, Baltimore Oriole
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1630✓ 103 Sternum of *Catula riparia*, Boie, Bank Swallow
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1635✓ 104 Sternum of *Tringa bonapartei*, Cuv., White-rumped Sandpiper
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1639✓ 105 Sternum of *Euspiza americana*, Bonap. Black-throated
Bunting, Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.
- 1646✓ 106 Sternum of *Tyrannus verticalis*, Say, Arkansas Flycatcher
Dr. Chas. Ew. Chesney, A. A., Surgeon U. S. A.

- 1651 ✓ 107 Sternum of *Chordeiles virginianus*, Coues, Night-Hawk
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A.
- 1654 ✓ 108 Sternum of *Tringa maculata*, Vieill, Pectoral Sandpiper
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A.
- 1656 ✓ 109 Sternum of *Hydrochelidon pinnipes*, Coues, Black-Tern
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A.
- 1658 ✓ 110 Sternum of *Larus argentatus*, Brün, Herring Gull
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A.
- 1661 ✓ 111 Sternum of *Actitis bartramius*, Bonap, Upland Plover
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A.
- 1666 ✓ 112 Sternum of *Poocetes gramineus*, Baird, Grass-Finch
Dr. Chas. E. McChesney, A. A. Surgeon U. S. A.
- 1671 ✓ 113 Sternum of *Branta canadensis*, L, Canada Goose
Dr. Elliot Coues, Asst. Surgeon U. S. A.
- 1690 ✓ 114 Sternum of *Pelecanus trachyrhynchus*, Lath, white Pelican
Dr. Elliot Coues, Asst. Surgeon U. S. A.
- 1697 ✓ 115 Sternum of *Bucephala islandica*, Baird, Barrows Golden Eye
Dr. Ew. McChesney, A. A. Surgeon U. S. A.
- 1701 ✓ 116 Sternum of *Graculus dilophus*, Gray, double crested
Dr. Ew. McChesney, A. A. Surgeon U. S. A. Cormorant
- 2083 117 ✓ Sternum of *Buteo borealis*, Gmel, Hen Hawk, Camp Supply
January 30 1878. Dr. F. H. Atkins, A. A. Surg. U. S. A.
- 2090 118 ✓ Sternum of *Aechmophorus occidentalis*, — Washoe Lake Nevada
June 2nd 1877, Dr. C. Ed. McChesney, A. A. Surgeon U. S. A.

- 2093 119 ✓ Stern, *Pelecanus erythrorhynchos*, Gmel, Pyramid Lake Nevada
June 1877, Lt. Wheelers exploration, H. W. Henshaw
-
- 2101 120 ✓ Stern, *Larus californicus*, Linn, Washoe Lake, May 17th 1877
Lt. Wheelers exploration, H. W. Henshaw
-
- 2102 121 ✓ Stern, *Pica melanoleuca*, — Carson Nevada, May 12th 1877
Lt. Wheelers exploration, H. W. Henshaw.
-
- 2103 122 ✓ Stern, *Hydrochelidon, plumbea*, Wilson, Washoe Lake
May 17th 1877, Lt. Wheelers exploration, H. W. Henshaw
-
- 2104 123 ✓ Ibis *gurauna* — Washoe Lake, Nevada June 2nd
1877, Lt. Wheelers exploration, H. W. Henshaw
Sternum
-
- 2124 124 ✓ Stern, *Phalaropus hyperboreus*, Temm, Washoe Lake, May
1877, Lt. Wheelers exploration, H. W. Henshaw
-
- 2129 125 ✓ Stern, *Sayornis fusca*, Baird, Nottingham Md, March
21st 1878, Dr. H. C. Varrow, A. A. Surgeon U. S. A
-
- 2132 126 ✓ Stern, *Picus, pubescens*, Linné, Nottingham Md, March
21st 1878, Dr. H. C. Varrow, A. A. Surgeon U. S. A,
-
- 2140 127 ✓ Stern, *Coccyzus erythrophthalmus*, black-billed Cuckoo, Ft. Sisseton,
June 6th 1877, Dr. C. Ed. McChesney, A. A. Surgeon U. S. A.
-
- 2188 128 ✓ Stern, *Branta bernicla*, Wilson, Brant-Goose, Camp Supply
Sept. 30th 1878, Dr. J. E. Wilcox, Asst. Surgeon U. S. A
-
- 2190 129 ✓ Stern, *Ardea herodias*, L, Great-Blue Heron, Camp Supply
Sept. 30th 1878, Dr. Kitching, Hosp. Steward U. S. A,
-
- 2194 130 ✓ Stern, *Junco hyemalis*, Slater, Snowbird, Madisonville Ohio
Nov 3rd 1878, Frank W. Langdon Esq.

- 2196 131 ✓ Stern of *Lophophanes bicolor*, Bon. Tufted Titmouse, Madisonville Ohio
Nov. 3^d 1878, Frank W. Langdon Esq
- 2200 132 ✓ Stern of *Sitta carolinensis*, Gm, White bellied Nuthatch Madisonville Ohio
Nov 3^d 1878, Frank W. Langdon Esq
- 2220 133 ✓ Stern, of *Parus atricapillus*, Linné, Washington D. C.
March 29th 1879, W^m, G. Schaphirt Esq.
- 2225 134 ✓ Stern, *Asio atricapillus*, Wils, Oregon August 1878.
Lieut, George M. Wheeler U. S. A,
- 2226 135 ✓ Stern, *Heteroscelus incanus*, Coes, California June 4th
1878, Lieut, George M. Wheeler U. S. A,
- 2239 136 ✓ A double chicken with one head (a *hemicephalus*) E. H. Beers
Montgomery County Maryland May 28th 1879,
- 2245 137 ✓ Stern, *Sterna regia*, Gambel, Cobbs Island, August 15th, 79
Dr. H. W. Henshaw, Washington D. C
- 2246 138 ✓ Stern, *Haematopus palliatus*, Temm, Cobbs Island August 15th
1879, Dr. H. W. Henshaw Washington D. C,
- 2251 139 ✓ Stern, *Sterna anglica*, Marsh Tern, Cobbs Island, August
1st 1879, Dr. H. W. Henshaw, Washington D. C,
- 2254 140 ✓ Stern, *Sterna hirundo*, Wils, Sea-Swallow, Cobbs Island August
2nd 1879, Dr. H. W. Henshaw, Washington D. C
- 2261 141 ✓ Stern, *Aegialitis vociferus*, Cassin, Madisonville Ohio, Sept 29th
1879, F. W. Langdon Esq
- 2263 142 ✓ Stern, *Passerella iliaca*, Sw, Madisonville Ohio, Sept 29th
1879, F. W. Langdon Esq,

- 2266 143 ✓ Stern, of *Turdus swainsonii*, Wils, Madisonville Ohio, Sept 29, th 79
F. W. Langdon Esq
- 2270 144 ✓ Stern, of *Dendroica castanea*, Baird, Madisonville, Ohio Sept
29th 1879, F. W. Langdon Esq
- 2272 145 ✓ Stern of *Mniotilta varia*, Vieill, Madisonville Ohio Sept 30th
1879, F. W. Langdon Esq
- 2274 146 ✓ Stern of *Dendroica virens*, Baird, Madisonville Ohio
Sept 30th 1879, F. W. Langdon Esq.
- 2281 147 ✓ Stern, of *Pipilo erythrophthalmus*, Vieill, Mount Carmel Ill, Oct 15th
1879, H. W. Henshaw M. D.
- 2283 148 ✓ Stern, of *Turdus pallasi*, Cab, Mount Carmel Ill, Oct, 15th 1879
H. W. Henshaw M. D.
- 2286 149 ✓ Stern, of *Melospiza palustris*, Baird, Mount Carmel Ill, Oct, 14th
1879, H. W. Henshaw M. D.
- 2291 150 ✓ Stern, of *Seturus aurocapillus*, Sw, Washington D. C, Sept 15th
1879, H. W. Henshaw M. D.
- 2296 151 ✓ Stern, of *Centurus carolinus*, Bon, Mount Carmel Ill, Oct, 14th
1879, H. W. Henshaw, M. D.
- 2299 152 ✓ Stern, of *Dendroica coronata*, Baird, Mount Carmel Ill, Oct 14th
1879, H. W. Henshaw M. D.
- 2301 153 ✓ Stern of *Harporhynchus rufus*, Cab, Washington D. C, Sept 15th
1879 H. W. Henshaw M. D.
- 2302 154 ✓ Stern, of *Zonotrichia albicollis*, Gm, Mount Carmel, Ill, Oct 14th
1879, H. W. Henshaw M. D.

- 2306 155✓ Stern, of *Turdus aliciae*, Baird, Washington D. C, Oct 19th 79
H. W. Henshaw M. D.
- 2312 156✓ Stern, of *Dendroica striata*, Baird, Washington D. C, Oct, 19th
1879 H. W. Henshaw M. D.,
- 2315 157✓ Stern, of *Vireo olivaceus*, Vieill, Washington D. C, Sept, 16th, 79
H. W. Henshaw M. D.
- 2319 158✓ Stern of *Regulus satrapa*, Licht, Mount Carmel Ill, Oct 10th 79
H. W. Henshaw M. D.
- 2380 159✓ Stern, of *Mergus serrator*, L, Fort Laramie Wyo Ter, Jan 12th
1880, Dr, R. W. Shufeld, Asst, Surgeon U. S. A,
- 2386 160✓ Egg of a Cochin - China Chicken, weighs about 7 ounces,
when opened a full sized well developed egg found
within, from Mr. King Chandler, Salisbury plantation
Fairfax County Va, February 14th 1880
- 2388 161✓ Stern, of *Cygnus americanus*, Sharps, Fort Shaw, M. T, April 30th
1880, Dr. James C. Merrill, Asst, Surgeon U. S. A,
- 2392 162✓ Stern, of *Circus hudsonicus*, Vieill, Fort Shaw, M. T, April 30th
1880, Dr James C. Merrill, Asst, Surgeon U. S. A,
- 2396 163✓ Stern, of *Apelis garrulus*, L, Fort Shaw, M. T, April 30th 1880
Dr, James C. Merrill, Asst, Surgeon U. S. A
- 2399 164✓ Stern of *Aegiothrus linarius*, Cab, Fort Shaw M. T, April 30th
1880, Dr, James C. Merrill, Asst, Surgeon U. S. A.
- 2400 165✓ Stern of *Leucosticte tephrocotis*, Sw, Fort Shaw, M. T, April 30th
1880, Dr James C. Merrill, Asst, Surgeon U. S. A,
- 2405 166✓ Stern, of *Sitta aculeata*, Cassin, Fort Shaw, M. T, April 30th 1880
Dr, James C. Merrill, Asst, Surgeon U. S. A

1, Turdus, Linne

- 1, migratorius, Wilson, Robin
- 2, naevius, Aud, Varied Thrush
- 3, mustelinus, Wils, Wood Thrush
- 4, pallasii, Wilson, Hermit Thrush
- 5, swainsonii, Baird, Olive backed Thrush
- 6, fuscescens, Wilson, Wilsons Thrush

2 Oreoscoptes, Baird

- 1, montanus, Aud, Mountain Mockingbird

3 Mimus, Baird

- 1, polyglottus, Wilson, Mockingbird
- 2, carolinensis, Wilson, Catbird

4 Harporhynchus

- 1, rufus, Wilson, Brown-Thrush
- 2, curvirostris, Baird, Curve-billed Thrush
- 3, cinereus, Baird, Ash-gray Thrush
- 4, redivivus, Cassin, Sickle-billed Thrush
- 5, crissalis, Baird, Crissal Thrush

5 Saxicola, Bechst.

- 1, oenanthe, Cassin, Stone-Chat
- 6 Sialia, Swains.

- 1, sialis, Wilson, Eastern Bluebird
- 2, mexican, Nuttall, Western Bluebird
- 3, arctica, Nuttall, Arctic Bluebird

7 Cinclus, Bechst.

- 1, mexicanus, Nuttall, Water-Ouzel

8 Phylloscopus, Meyer

- 1 borealis, Baird, Kennicotts Sylvia

9 Regulus, Cuvier

- 1, satrapa, Wilson, Ruby-crowned Kinglet
- 2 calendus, Wilson, Golden crowned Kinglet

10 Polioptila, Salter

- 1, caerulea, Wilson, Blue-gray Gnatcatcher
- 2, melanura, Cassin, Black-headed Gnatcatcher
- 3 plumbea, Baird, Plumbeous Gnatcatcher

11 Chamaea, Gambel

- 1, fasciata, Cassin, Ground Wren

12 Lophophanes, Naup.

- 1, bicolor, Wilson, Tufted Titmouse
- 2, inornatus, Cassin, Plain Titmouse
- 3, atricristatus, Cassin, ^{Black cap} ~~Bridled~~ Titmouse
- 4, wollweberi, Cassin, Bridled Titmouse

13 Parus, Linne

- 1, atricapillus, Wilson, Black capped Chickadee
- Var, septentrionalis, Cassin, Northern Chickadee
- Var, carolinensis, Aud, Southern Chickadee
- Var, occidentalis, Baird, Western Chickadee

- 2, montanus, Baird, Mountain Chickadee
- 3, hudsonius, Aud, Hudsonian Chickadee

- 4, rufescens, Aud, Brown backed Chickadee

14 Psaltiriparus, Bonap.

- 1, minimus, Audubon, Least Titmouse
- 2, plumbeus, Baird, Leaden Titmouse

15 Sitta, Linne

- 1, carolinensis, Wilson, White bellied Nuthatch
- 2, canadensis, Wilson, Red-bellied Nuthatch

- 3, *pusilla*, Wilson, Brown headed Nuthatch.
- 4, *pygmaea*, Aud, Pygmy Nuthatch
- 16 *Certhia*, Linné
- 1, *familiaris*, Wilson, Brown Creeper
- 17 *Campykorhynchus*, Spix
- 1, *brunneicapillus*, Cassin, Brown headed-Creeper
- 2, *affinis*, Xantus, Allied Creeper
- 18 *Salpinctes*, Cabanis
- 1, *obsoleta*, Bonap. Rock-Wren
- 19 *Catherpes*, Baird
- 1, *mexicanus*, Cassin, White throated Wren
- 20 *Thryothorus*
- 2, *ludovicianus*, Wilson, Carolina Wren
- Var, *berlandieri*, Baird, Berlandiers Wren
- 3, *bewickii*, Nuttall, Beckwicks Wren
- 21 *Tragladytes*, Vieill.
- 1, *aedon*, Wilson, House Wren
- Var, *parkmanni*, Aud, Parkmans Wren
- 22 *Anorthura*, Pennie
- 1, *Tragladytes*, Coues, Winter Wren
- 2, *alascensis*, Coues, Alaska Wren
- 23 *Telmatodytes*, Cabanis
- 1, *palustris*, Wils, Long billed Marsh Wren
- 24 *Cistothorus*, Cabanis
- 1, *stellaris*, Baird, Short billed Marsh Wren
- 25 *Firecapilla*, Boie
- 1, *alpestris*, Wilson, Horned Lark
- Var, *chrysalaema*, Coues
- 26 *Budytes*, Cuvier
- 1, *flava*, Dall, Yellow Wag tail
- 27 *Anthus*, Bachst.
- 1, *ludovicianus*, Aud, Brown Lark
- 28 *Neocorys*, Schaler
- 1, *Spraguei*, Aud, Missouri Sky Lark
- 29 *Mniotilta*, Vieill.
- 1, *varia*, Wilson, Black & White Creeper
- 30 *Parula*, Bonap. Blue Yellow,
1, *Americana*, Wilson Tacked Warbler
- 31 *Protonotaria*, Baird
- 1, *citrea*, Wilson, Protonary Warbler
- 32 *Helminthorus*, Prof.
- 1, *vermivorus*, Wilson, Worm eating Warbler
- 2, *Swainsonii*, Aud, Swainsons Warbler
- 33 *Helminthophaga*, Cabanis Yellow
1, *pinus*, Wilson, Blue winged Warblers
2, *chrysophtera*, Wilson Blue winged Golden Warblers
3, *Bachmani*, Aud, Bachmans Warblers
4, *lucilae*, Baird, Lucys Warblers
5, *virginiae*, Baird, Virginia Warbler
6, *ruficapilla*, Wilson, Nashville Warbler
7, *celata*, Bonap, Orange crowned Warblers
8, *peregrina*, Wilson, Tennessee Warblers
- 34 *Dendroeca*, Gray
- 1, *aetiva*, Baird, Blue eyed Yellow Warbler
- 2, *virens*, Wilson, Black Throated Green Warbler
- 3, *occidentalis*, Baird, Western Warbler

- Opornis agilis*, Wils., Connecticut Warbler
 " *formosus*, Wils., Kentucky Warbler 3. " *Geothlypis trichas*, Wils., Maryland Yellow Throat
 " " *philadelphia*, Wils., Mourning Warbler
 " " "
- 4, *Townsendii*, Nuttall, Townsends Warbler 38 *Setophaga*, Swains
 5, *chrysoparia*, Coues, Golden checked Warb. 1, *ruticilla*, Wilson, Redstart
 6, *nigrescens*, Nuttall, Black throated Gray W 2, *picta*, Baird, Painted Flycatcher
 7, *caeruleus*, Baird, Black throated Blue W. 39 *Certhiola*, Sundewall
 8, *caerulea*, Wilson, Blue Warbler 1, *flavescens*, Baird, Honey Creeper
 9, *coronata*, Wilson, Yellow rumped Warbler 40 *Pyrranga*, Vieill
 10, *audubonii*, Baird, Audubons Warbler 1, *rubra*, Wilson, Scarlet Tanager
 11, *blackburniae*, Baird, Blackburns Warbler 2, *aestiva*, Wilson, Summer Tanager
 12, *striata*, Wilson, Black poll Warbler 3, *hepatica*, Baird, Hepatic Tanager
 13, *caestanea*, Baird, Bay breasted Warbler 4, *louisiana*, Wilson, Louisiana Tanager
 14, *pennsylvanica*, Wilson, Pennsylvania Warbl 41 *Hirundo*, Linné
 15, *maculosa*, Nuttall, Black & Yellow Warbler *horreorum*, Wilson, Barn Swallow
 16, *tigrina*, Baird, Cap May Warbler 42 *Tachycineta*, Cabanis
 17, *discolor*, Nuttall, Prairie Warbler 1, *bicolor*, Wilson, White bellied Swallow
 18, *gracilar*, Coues, Grace Warbler 2, *thalassina*, Aud, Violet-green Swallow
 19, *dominica*, Baird, Yellow throated Warb 43 *Petrochelidon*, Cabanis
 20, *Kirtlandii*, Baird, Kirtlands Warbler 1, *lunifrons*, Nuttall, Cliff Swallow
 21, *psalmarum*, Coues, Yellow red poll Warb 44 *Cotyle*, Boie
 22, *pinus*, Coues, Pine Warbler 1, *riparia*, Wilson, Bank Swallow

- 35, *Sialurus*, aurocapillus, Wilson, Golden crowned Thrush ged Swallow
 " *novboracensis*, Wilson, Water Thrush
 " *ludovicianus*, Aud, Long billed Water Thrush artin
 36, *Opornis*, agilis, Wilson, Connecticut Warbler
 " *formosus*, Wilson, Kentucky Warbler wing
 37, *Geothlypis*, trichas, Wilson, Maryland Yellow Throat
 " *philadelphia*, Wilson, Mourning Warbler
 " *macgillivrayi*, Coues, Mac Gillivray's Warbler ys
 " *macgillivrayi*, Coues, Mac Gillivray's Warbler

<i>Oporornis agilis</i> , Wils, Connecticut Warbler	<i>Geothlypis trichas</i> , Wils, Maryland Yellow Throat
" <i>formosus</i>, Wils, Kentucky Warbler	" <i>philadelphia</i>, Wils, Kentucky Warbler
4, <i>Townsendii</i> , Nuttall, Townsends Warbler	38 <i>Setophaga</i> , Swains
5, <i>chrysoparia</i> , Coes, Golden checked Warb.	1, <i>ruticilla</i> , Wilson, Redstart
6, <i>nigrescens</i> , Nuttall, Black throated Gray W	2, <i>picta</i> , Baird, Painted Flycatcher
7, <i>caeruleus</i> , Baird, Black throated Blue W.	39 <i>Certhiola</i> , Sandwall
8, <i>caerulea</i> , Wilson, Blue Warbler	1, <i>flavescens</i> , Baird, Honey Creeper
9, <i>coronata</i> , Wilson, Yellow rumped Warbler	40 <i>Pyrranga</i> Vieill
10, <i>audubonii</i> , Baird, Audubons Warbler	1, <i>rubra</i> , Wilson, Scarlet Tanager
11, <i>blackburniae</i> , Baird, Blackburns Warbler	2, <i>aestiva</i> , Wilson, Summer Tanager
12, <i>striata</i> , Wilson, Black poll Warbler	3, <i>hepatica</i> , Baird, Hepatic Tanager
13, <i>castanea</i> , Baird, Bay breasted Warbler	4, <i>louisiana</i> , Wilson, Louisiana Tanager
14, <i>pennsylvanica</i> , Wilson, Pennsylvania Warbl	41 <i>Hirundo</i> , Linne
15, <i>maculosa</i> , Nuttall, Black & Yellow Warbl	<i>horreorum</i> , Wilson, Barn Swallow
16, <i>tigrina</i> , Baird, Cap May Warbler	42 <i>Tachycineta</i> , Cabanis
17, <i>discolor</i> , Nuttall, Prairie Warbler	1, <i>bicolor</i> , Wilson, White bellied Swallow
18, <i>gracilar</i> , Coes, Grace Warbler	2, <i>thalassina</i> , Aud, Violet-green Swallow
19, <i>dominica</i> , Baird, Yellow throated Warbl	43 <i>Petrochelidon</i> , Cabanis
20, <i>Kirtlandii</i> , Baird, Kirtlands Warbler	1, <i>lunifrons</i> , Nuttall, Cliff Swallow
21, <i>palmarum</i> , Coes, Yellow red poll Warb	44 <i>Cotyle</i> , Boie
22, <i>pinus</i> , Coes, Pine Warbler	1, <i>riparia</i> , Wilson, Bank Swallow
35 <i>Saiurus</i> , Swains	45 <i>Stelgidopteryx</i> , Baird
1, <i>macgillivrayi</i>, Coes, Golden crowned	1, <i>serripennis</i> , Aud, Rough winged Swallow
+3 36 <i>Icteria</i> Vieill	46 <i>Progne</i> Boie
1, <i>virens</i> , Baird, Yellow breasted Chat	1, <i>purpurea</i> , Wilson, Purple Martin
37 <i>Myiodiastes</i> Aud	47 <i>Ampelis</i> , Linne
1, <i>mitratus</i> , Coes, Hooded Flycatcher	1, <i>garrulus</i> , Aud, Bohemian Waxwing
2, <i>pusillus</i> , Wilson, Green black capped Flycatcher	2, <i>cedrorum</i> , Wilson, Cedarbird
3 <i>canadensis</i> , Wilson, Canada Flycatcher	48 <i>Phainopepla</i> , Schater
+1 2, <i>novboracensis</i>, Wils, Water Thrush	1, <i>nitens</i> , Carrin, Black Ptilogonyx
3, <i>louisianus</i> , Aud, Large billed Water Thrush,	

49 Myiadestes, Swains1, Townsendii, Nuttall, Townsends Flycatching Thrush50 Vireo, Vieill1, olivaceus, Wilson, Red eyed Vireo2, barbatula, Cassin, Whip-torn-KellyVar. alliloquus, Baird3, philadelphicus, Cassin, Philadelphia Vireo4, gilvus, Wilson, Warbling Vireo5, flavifrons, Wilson, Yellow-Throated Vireo6, solitarius, Coues, Solitary Vireo7, plumbeus, Coues, Plumbeous Vireo8, vicinior, Elliot, Gray Vireo9, novaboracensis, Wilson, White eyed Vireo10, huttonii, Cassin, Huttons Vireo11, bellii Aud, Bells Vireo12, pusillus, Coues, Least Vireo13, atricapillus, Woodh, Black headed Vireo51 Callurus, Vigors1, borealis, Wilson, Butcherbird2, ludovicianus, Wilson, Loggerhead Shrike52 Hesperiphona, Bonap1, vespertina, Aud, Evening Grosbeak53 Pinicola, Vieill1, enucleator, Wilson, Pine Grosbeak54 Pyrrhula, Auctorum1, cassinii, Baird, Cassins Bullfinch55 Carpodacus, Kaup1, purpureus, Coues, Purple Finch2, Cassinii, Baird, Cassins Purple Finch3, frontalis, Aud, Crimson Purple Finch56 Curvinastria, Scapuli1, leucostera, Wilson, White winged Crossbill2, americana, Wilson, Red crossbill57 Leucosticte, Swains1, tephrocotis, Aud, Gray crowned Finch2, arctoa, Baird, Siberian Finch58 Aeginthys, Cabanis1, linarius, Wilson, Redpoll Linnet59 Linota, Bonap1, brewsterii, Coues, Brewsters Linnet60 Chrysomitris, Boie1, pinus, Wilson, Pine Linnet2, tristis, Wilson, Thistlebird3, lawrencei, Baird, Lawrence Goldfinch4, psaltria, Aud, Arkansas Goldfinch61 Plectrophanes, Meyer1, nivalis, Wilson, Snow Bunting2, lapponicus, Nuttall, Lappsland Longspur3, pictus, Nuttall, Painted Lark Bunting4, ornatus, Coues, Brown Lark Bunting5, macgownii, Leew, M' Cowns Bunting62 Centronyx, Baird1, bairdii, Coues, Bairds Bunting63 Passerculus, Bonap1, savanna, Wilson, Savanna Sparrow2, rostratus, Cassin, Sea shore Sparrow

- 3, *Guttatus*, Lawr, St. Lucas Sparrow
 64 *Poocetes*, Baird
 1, *gramineus*, Wilson, Grass Finch
 65 *Coturniculus*, Bonap.
 1, *passerinus*, Wilson, Yellow winged Sparrow
 2, *henslowii*, Aud. Henslows Sparrow
 3, *lecontei*, Aud. Lecontes Sparrow
 66 *Ammodramus*, Swains
 1, *maritimus*, Baird, Sea side Finch
 2, *caudacutus*, Wilson, Sharp tailed Finch
 67 *Melospiza*, Baird
 1, *lincolni*, Aud. Lincolns Finch
 2, *palustris*, Wilson, Swamps Sparrow
 3, *melodia*, Wilson, Song Sparrow
 68 *Peucaea*, Aud.
 1, *aestivalis*, Nuttall, Bachmans Finch
 2, *ruficeps*, Cassin, Red headed Finch
 69 *Pooispiza*, Cabanis
 1, *bilineata*, Cassin, Black Throated Finch
 2, *bellii*, Baird, Bells Finch
 70 *Junco*, Wagler
 1, *hyemalis*, Wilson, Snow Bird
 2, *oregonus*, Aud. Oregon Snowbird
 3, *cinerus*, Baird, Grey Snowbird
 71 *Spizella*, Bonap
 1, *monticola*, Wilson, Tree Sparrow
 2, *socialis*, Wilson, Chipping Sparrow
 3, *pusilla*, Wilson, Field Sparrow
 4, *pallida*, Swains, Clay collared Sparrow
 5, *atrifrons*, Coues, Black-chinned Sparrow
 72 *Zonotrichia*, Swains
 1, *albicollis*, Wilson, White throated Sparrow
 2, *leucophrys*, Wilson, White crowned Sparrow
 3, *coronata*, Coues, Golden crowned Sparrow
 4, *querula*, Coues, Harris Sparrow
 73 *Chondestes*, Swains
 1, *gramma*, Aud, Lark-Finch
 74 *Passer*, Auctorum
 1, *domesticus*, Lawr, English Sparrow
 75 *Passerella*, Swains
 1, *iliaca*, Coues, Fox Sparrow
 76 *Calamospiza*, Bonap
 1, *bicolor*, Aud, ~~Fox Sparrow~~ Lark Bunting
 77 *Pooispiza*, Bonap.
 1, *americana*, Wils. Black-Throated Bunting
 2, *townsendii*, Coues, Townsends Bunting
 78 *Goniaphea*, Bowditch
 1, *ludoviciana*, Wils, Rose-breasted Grosbeak
 2, *melanocephala*, Aud, Black-headed Grosbeak
 3, *caerulea*, Wilson, Blue Grosbeak
 79 *Cyanospiza*, Baird
 1, *ciris*, Wilson, Painted Finch
 2, *versicolor*, Baird, Western Nonpareil
 3, *amoena*, Wilson, Lazuli Finch
 4, *cyanea*, Wilson, Indio-Bird

80 Spermophila, Swains

- 1, Moreletii, Coues, Morelet's Finch

81 Phonipara, Bonap

- 1, bicolor, Coues,
- ^{black faced Finch}
- ~~Morelet's Finch~~

82 Pyrrhuloxia, Bonap.

- 1, sinuata, Cassin, Texas Cardinal

83 Cardinalis, Bonap.

- 1, virginianus, Wilson, Cardinal

84 Pipilo, Vieill

- 1, erythrophthalmus, Wils, Marsh Robin

- 2, maculatus, Coues, Spotted Towhee

- 3, fuscus, Swains, Brown Towhee

- 4, aberti, Coues, Abert's Towhee

- 5, chlorurus, Aud, Blandings Finch

85 P. mbernaghi, Lesson

- 1, rufivirgata, Baird, Green Finch

86 Dolichonyx, Swains

- 1, oryzivorus, Wilson, Bobolink

87 Molothrus, Swains

- 1, pecoris, Wilson, Cowbird

88 Agelaius, Vieill

- 1, phaeniceus, Wilson,
- ^{Red winged}
- Blackbird

89 Xanthocephalus, Baird

- 1, icterocephalus, Nuttall
- ^{Yellow}
- headed
- ^{Blackbird}

90 Sturnella, Vieill

- 1, magna, Wilson, Field lark

Var, neglecta, Aud,

91 Icterus, Brisson

- 1, spurius, Wilson, Orchard Oriole

- 2, baltemore, Wilson, Baltimore Oriole

- 3, bullockii, Aud, Bullocks Oriole

- 4, cuculatus, Cassin, Hooded Oriole

- 5, parisorum, Baird, Scotts Oriole

- 6, audubonii, Baird, Audubons Oriole

92 Scolecophagus, Swains

- 1, ferrugineus, Aud, Rusty Grackle

- 2, cyanocephalus, Aud, Blue headed Grackle

93 Quiscalus, Vieill

- 1, major, Aud, Jackdaw

- 2, purpureus, Wils, Purple Grackle

- 3, macrourus, Wils, great-tailed Grackle

94 Corvus, Linne

- 1, cryptoleucus, Wilson, white necked Raven

- 2, americanus, Wilson, Crow

- 3, corax, Linne, Raven,

- 4, assifragus, Wilson, Fishcrow

95 Picicorvus, Bonap.

- 1, columbianus, Wilson, Clarkes Crow

96 Gymnokitta, Maxm.

- 1, cyanocephala, Cassin, Blue Crow

97 Psittorhinus, Ruesppel

- 1, morio, Baird, Brown Jay

98 Pica, Brisson

- 1, melanoleuca, Wils, Magpie

99 Cyanurus, Swains

- 1, cristatus, Wilson, Blue Jay

- 2, stellerii, Nuttall, Stellers Jay

100 Aphelocoma Cabanis

- 1, floridana, Nuttall, Florida Jay
- 2, sordida, Baird, Siebers Jay

101 Xanthoeca Bonap.

- 1, yncas, var, luxiosa, Baird
Rio grande Jay

102 Perisoreus Bonap.

- 1, canadensis, Wilson, Canada Jay

103 Mitreclus Swains.

- 1, tyrannus, Aud. Fork tailed Flycatcher
- 2, forficatus, Nuttall, Swallow tailed Flycatcher

104 Tyrannus Cuvier

- 1, carolinensis, Wilson, Kingbird
- 2, dominicensis, Aud. Gray Kingbird
- 3, verticalis, Nuttall, Arkansas Flycatcher
- 4, vociferans, Coes, Cassins Flycatcher

- 5, melancholicus, Coes, Coach. Flycatcher

105 Myiarchus Cabanis

- 1, crinitus, Wilson, Great-crested Flycatcher
- 2, cinerascens, Coes, Ash-throated Flycatcher
- 3, lawrencei, Baird, Lawrence Flycatcher

106 Sayornis Bonap.

- 1, sayus, Nuttall, Say's Flycatcher
- 2, nigricans, Nuttall, Black Flycatcher
- 3, fuscus, Wilson, Pewee

107 Contopus Cabanis

- 1, borealis, Nuttall, Olive-sided Flycatcher
- 2, pertinax, Cab. Coes Flycatcher
- 3, virens, Baird, Wood Pewee

108 F. empidonax Cab.

- 1, acadicus, Nuttall, Acadian Flycatcher
- 2, traillii, Aud. Traills Flycatcher
- 3, minimus, Aud. Least Flycatcher
- 4, flaviventris, Aud. Yellow-bellied Flycatcher
- 5 hammondi, Baird, Hammonds Flycatcher
- 6 obscurus, Baird, Wrights Flycatcher

109 Mitrephorus Salater

- 1, fulvifrons, Girard, Buff-breasted Flycatcher
- var. pallens, Coes

110 Pyrocephalus Gould

- 1, rubineus, Cassin, Vermillion Flycatcher
- var. mexicanus, Coes

111 Anthus Gould

- 1, vociferus, Wilson, Whip-poor-will
- 2, Nuttalli, Aud. Nuttalls whip-poor-will
- 3 carolinensis, Wils. Chuck-wills-widow

112 Chordeiles Swains

- 1, virginianus, Wilson Night-Hawk
- 2, texensis, Lawr., Texas night Hawk

113 Panyptila Cabanis

- 1, saxatilis, Woodh. white-throated Swift

114 Nephocetes Baird

- 1, niger, Baird, var, borealis, Coes
Black Swift

115 Chaetura Stephens

- 1, pelagica, Wilson, Chimney Swift
- 2, vauxii, Baird, Vaux Swift

116 Heliopodica Gould

- 1, xantusii, Lawr. Xantus Hummingbird

117 Tamias, Swains

1, mango, Baird, Black Throated Hummingbird

118 Trochilus, Linné

1, colubris, Wilson, Ruby Throated Hummingbird

2, alexandri, Cassin, Black Chinned Hummingbird

119 Selasphorus, Swains

1, rufus, Aud, Red-backed Hummingbird

2, platycercus, Baird, broad-tailed Hummingbird

3, anna, Nuttall, Anna Hummingbird

4, costae, Baird, Costa Hummingbird

5, heloiseae, Elliot, Heloise Hummingbird

120 Stellula, Gould,

1, calliope, Elliot, Calliope Hummingbird

121 Agystria, Cabanis

1, linnaei, Allen, Linné Hummingbird

122 Trogon, Alectorum

1, mexicanus, Baird, Mexican Trogon

123 Momotus, Lesson

1, caeruleiceps, Baird, Blue-headed Sawbill

124 Ceryle, Boie

1, alcyon, Wilson, Belted Kingfisher

2, americana, Cass, Var, Cabanis Kingfisher

125 Crotophaga, Linné

1, ani, Baird, Ani,

126 Geococcyx, Wagler

1, californianus, Cassin, Ground Cuckoo

127 Coccyzus, Vieill,

1, americanus, Wilson, Black-billed Cuckoo

2, seniculus, Nuttall, Mangrove Cuckoo

3, erythrophthalmus, Wils, black-billed Cuckoo

128 Campephilus, Gray

1, principalis, Wilson, Ivory-billed Woodpecker

129 Hylotomus, Baird

1, pileatus, Wilson, Pileated Woodpecker

130 Picus, Linné

1, albolarvatus, Cassin, white-headed Woodpecker

2, borealis, Wilson, Red-crowned Woodpecker

3, scalaris, Baird, Nuttall's, var. Texan woodpecker

4, villosus, Aud, var. harrisii, Hairy Woodpecker

5, pubescens, Wilson, Downy Woodpecker

131 Picoides, Lapeyrol

1, arcticus, Aud, Black-backed Woodpecker

2, americanus, Cooper, Banded Woodpecker

132 Sphyrapicus, Baird

1, varius, Wilson, Yellow-bellied Woodpecker

2, ruber, Aud, Red-breasted Woodpecker

3, thyroideus, Cassin, Brown-headed Woodpecker

4, williamsonii, Baird, Williamsons Woodpecker

133 Centurus, Swains

1, carolinus, Wilson, Red-bellied Woodpecker

2, aurifrons, Wagler, Yellow-faced Woodpecker

3, uropygialis, Baird, Gila Woodpecker

134 Melanerpes, Swains

1, erythrocephalus, Wilson, Red-headed Woodpecker

2, formicivorus, Cassin, California Woodpecker

135 Asyndesmus, Coues,

1, torquatus, Wilson, Lewis Woodpecker

136 Colaptes, Swains

1. *aureatus*, Wilson, Golden winged woodpecker
2. *chrysoides*, Baird, Gilded Woodpecker
3. *mexicanus*, Aud, Red shafted woodpecker

137 Conurus, Kuhl.

1. *carolinensis*, Wilson, Carolina Parakeet

138 Strix, Linne,

1. *flammea*, Linne, Barn Owl

Var. *americana*139 Bubo, Cuvier

1. *virginianus*, Wilson, Great horned owl

140 Scops, Savigny

1. *asio*, Wilson, Mottled Owl
2. *flammeola*, Schater, Flammulated owl

141 Otus, Cuvier

1. *vulgaris*, Wilson, Long eared Owl

Var. *Wilsonianus*, Coues142 Brachyotus, Gould

1. *palustris*, Wilson, Short eared Owl

143 Syrnium, Savigny

1. *lappsonianum*, Bonap, Great Gray owl
2. *nebulosum*, Wilson, Barred Owl
3. *occidentale*, Xantus, Western barred owl

144. Nyctea, Stephens

1. *nivea*, Wilson, Snowy Owl

145 Surnia, Dumeril

1. *ulula*, var. *hudsonica*, Wils
Hawk Owl

146 Nyctale, Brehm

Tengmalms Owl

1. *Tengmalmsii*, var. *richardsonii*, Coues

2. *acadia*, Nuttall, Acadian Owl

147 Glaucidium, Wagler

1. *passerinum*, Coues, Pygmy Owl

Var. *californicum*, Coues,

2. *ferrugineum*, Coues, Red Owl

148 Microthene, Coues

1. *whitneyi*, Cooper, Whitney's owl

149 Spheotyto, Gloger

1. *cunicularia*, Cassin, Burrowing Owl

Var. *hypogea*, Coues150 Circus, Lacepe

- hudsonius*, Wilson, Marsh Harrier

Var. *cyaneus*, Coues,151 Rostrhamus, Lesson

1. *sacrabilis*, Cassin, Everglade Kite

152 Ictinia, Vieill

Mississippi

1. *mississippiensis*, Wilson, Kite

153 Elanus, Savigny

white tailed

1. *leucurus*, Nuttall, Kite

154 Nauclerus, Vigors

1. *furcatus*, Wilson, Swallow tailed Kite

155 Accipiter, Brisson

1. *fuscus*, Cassin, Sharp Shinned Hawk

2. *cooperii* Nuttall, Coopers Hawk

156 Astur, Lacépède

1. *atricapillus*, Wilson, Goshawk

157 Falco, Linne'

- 1, sacer, Forster, Jerfalcon
- 2, mexicanus, Coues, Lanier-Falcon
- 3, peregrinus, Wilson, Peregrine Falcon
- 4, communis, Coues, Duck Falcon
- 5, columbarius, Wilson, Pigeon Hawk
- 6, richardsonii, Coues, Richardsons Falcon
- 7, sparverius, Wilson, Sparrow Hawk
- 8, femoralis, Cassin, Femoral Falcon

158 Buteo, Cuvier

- 1, unicinctus, Aud, Harris Buzzard
var, harrisi, Coues
- 2, cooperii, Cassin, Coopers Buzzard
- 3, harlandii, Nuttall, Harlans Buzzard
- 4, borealis, Coues, Hen-Hawk
- 5, lineatus, Coues, Red Shouldered Hawk
- 6, zonocercus, Coues, Band tailed Hawk
- 7, swainsonii, Coues, Swainsons Buzzard
- 8, pennsylvanicus, Coues, Broad winged Buzzard

159 Archibuteo, Brehm

- 1, lagopus, Coues, Rough legged Buzzard
- 2, ferrugineus, Cassin, Ferrugineus Buzzard

160 Asturina, Vieill

- 1, plagiata, Schlegel, Gray Hawk

161 Onychotes, Ridgway

- 1, Gruberii, Ridgway, Grubers Buzzard

162 Pandion, Savigny

- 1, haliaetus, Wilson, Fish Hawk

163 Aquila, Auctorum

- 1, chrysaetus, Coues, Golden Eagle

164 Haliaetus, Savigny

- 1, leucocephalus, Wilson, Bald Eagle

165 Polyborus, Vieill

- 1, therus, Audubon, Caracara Buzzard
var, audubonii, Coues

166 Cathartes, Illiger

- 1, californianus, Audubon, California Vulture
- 2, aura, Wilson, Turkey Buzzard
- 3, atratus, Wilson, Carrion Crow

167 Columba, Linne'

- 1, fasciata, Linn, Band tailed Pigeon
- 2, flavirostris, Linn, Red billed Pigeon
- 3, leucocephala, Bonap, white crowned Pigeon

168 Ectopistes, Swains

- 1, migratorius, Wilson, Wild Pigeon

169 Zenaidura, Bon.

- 1, carolinensis, Wilson, ^{Carolina} Dove

170 Zenaida, Bonap.

- 1, amabilis, Bonap, Zenaida Dove

171 Melopelia, Bonap

- 1, leucostera, Coues, white-winged Dove

172 Chamaepelia, Swain

- 1, passerina, Coues, Ground Dove

173 Scardafella, Bonap.

- 1, squamosa, Baird, Scaly Dove

174 Geotrygon, Gosse

1, martinica, Coes, Key West Dove

175 Sternaeas, Bonap.1, cyanocephala, Aud. Blue headed
Ground Dove176 Ortalia, Merrem

1, vetula, Coes, Texan Guan

177 Meleagris, Linne

1, gallinacea, Linne, Turkey

178 Tetrao, Linne

1, canadensis, Nuttall, Canada Grouse

2, obscurus, Nuttall, Dusky Grouse

179 Pedioecetes, Baird1, phasianellus, Linne ^{Northern Sharp}
^{Tailed Grouse}180 Cupidonia, Reich

1, cupido, Wilson, Prairie Hen

181 Bonasa, Stephen.

1, umbellus, Wilson, Ruffed Grouse

182 Tragopus, Vieill

1, albus, Nuttall, Willow Ptarmigan

2, rufestris, Coes, Rock Ptarmigan

3, leucurus, Nuttall, White tailed
Ptarmigan183 Ortyx, Stephens

1, virginianus, Wilson, Quail

184 Oreortyx, Baird

1, pictus, Aud. Plumed Partridge

185 Lophortyx, Bonap.1, californicus, Aud ^{California} Partridge2, gambelii, Cassin, Gambels
Partridge186 Callipepla, Wager

1, squamata, Cassin, Blue Quail

187 Cyrtonyx, Gould

1, massena, Cassin, Massena Partridge

188 Squatarola, Cuvier1, helvetica, Wilson ^{Black-bellied}
Plover189 Charadrius, Linne

1, virginicus, Wilson, Golden Plover

190 Aegialitis, Boie

1, vaciferus, Wilson, Killdeer Plover

2, wilsonius, Aud, Wilsons Plover

3, semipalmatus, Nuttall, ^{Ring-}
Plover

4, melodus, Wilson, Piping Plover

5, cantiana, Cassin, Snowy Plover

6, asiaticus, Coes, var. montanus, Coes
^{mountain Plover}191 Aphriza, Audubon

1, virgata, Coes, Surf Bird

192 Haematopus, Linne

1, palliatus, Wilson, Oyster Catcher

2, niger, Coes, Black Oyster Catcher

193 Streptopelia, Linne

1, interpres, Wilson, Turnstone

194 Recurvirostra, Linne

1, americana, Wilson, Avocet

195 Himantopus, Brisson

1, nigricollis, Wilson, Stilt

196 Steganopus, Vieill

1, wilsonii, Nuttall, Wilsons Phalarope

197 *I. obipes*, Cuvier

1. hyperboreus, Bonap. Northern Phalarope

198 *Phalaropus*, Cues

1. fulicarius, Wilson, Red Phalarope

199 *Philohela*, Gray

1. minor, Wilson, American Woodcock

200 *Scolopax*, Linne

1. rusticola, Cues, European Woodcock

201 *Gallinago*, Leach

1. Wilsonii, Cues, American Snipe

202 *Macrorhamphus*, Leach

1. griseus, Wilson, Gray Snipe

203 *Micropalama*, Baird

1. himantopus, Cues, Stilt-Sandpiper

204 *Freunetes*, Illiger

1. pusillus, Cues, Semipalmated Sandpiper

205 *Tringa*, Linne

1. minutilla, Cues, Least Sandpiper

2. bairdii, Cues, Bairds Sandpiper

3. maculata, Nuttall, Pectoral Sandpiper

4. bonapartei, Cassin, White rumped Sandpiper

5. cooperii, Cues, Coopers Sandpiper

6. maritima, Nuttall, Purple Sandpiper

7. alpina, Wils, var. americana, Cassin American Dunlin

8. subarquata, Nuttall, Curlew Sandpiper

9. canutus, Wilson, Red breasted Sandpiper

206 *Calidris*, Cuvier

1. arenaria, Wilson, Sanderling

207 *Limosa* Brisson

1. fedasa, Wilson, Great Marbled Gadwit

2. uropygialis, Dall, White tailed Gadwit

3. hudsonica, Nuttall, Bloen tailed Gadwit

208 *Totanus*, Bechstein

1. semipalmatus, Wilson, Willet

2. melanoleucus, Wilson, Greater Teltale

3. chloropus, Cues, Green Shank

4. flavipes, Wilson, Lesser Teltale

5. solitarius, Wilson, Solitary Tattler

209 *Tringa*, Bonap

1. macularius, Wilson Spotted Sandpiper

210 *Philomachus*, Mackenz

1. pugnax, Nuttall, Ruff, or Reeve

211 *Actiturus*, Bonap

1. bartramius, Wilson, Upland Plover

212 *Tryngites*, Cabanis

1. rufescens, Nuttall Buff breasted Sandpiper

213 *Heteroscelus*, Baird

1. incanus, Cues, Wandering Tattler

214 *Numenius*, Linne

1. longirostris, Wilson, Long billed Curlew

2. hudsonicus, Aud, Jack Curlew

3. borealis, Swains, Esquimaux Curlew

215 *Tantalus*, Linne

1. loculator, Wilson, Wood Ibis

216 *Ibis*, Mackenz

1. falcinellus, var. andis, Bonap, Glossy Ibis.

2, alba, Wilson, White Ibis

3, rubra, Wilson, Scarlet Ibis

217 Platalea, Linné

1, ajaja, Wilson, Roseate Spoonbill

218 Ardea, Linné1, herodias, Wilson ^{Great Blue} Heron

2, wardemanni, Coues, Florida Heron

3, occidentalis, Aud, ^{Great white} Heron

4, egretta, Wilson, Great white Egret

5, candidissima, Wils Little white Egret

227 Gallinula, Brisson

1, galeata, Boneys, Florida Gallinula

228 Porphyrio, Temm.

1, martinica, Wilson, Purple Gallinula

229 Fulica, Linné

1, americana, Wilson, Coot.

230 Phoenicopterus, Linné

1, ruber, Aud, American Flamingo

231 Cygnus, Linné

1, buccinator, Swains, Trumpeter Swan

218, Ardea Linné leucogaster, Coues, Louisiana Egret,

7, " rufa, Baird, Reddish Egret

8, " caerulea, Wilson, Little Blue Heron.

9, " virescens, Wilson, Green Heron

219 Nycticardea, Swains, grisea, var. nerie, Bodd, Night Heron.

2, " violaceus, Wilson, Yellow crowned Night Heron

220 Botaurus, Stephens minor, Wilson, Indian Heron

1, longirostris, Cassin, Clapper Rail

2, elegans, Wilson, King Rail

3, virginianus, Wilson, Virginia Rail

225 Porzana, Vieill

1, carolina, Wilson, Ortolan

2, noveboracensis, Bon, Yellow Rail

3, jamaicensis, Aud, Black Rail

226 Chex, Bechst

1, pratensis, Cassin, Corn-Crake

234 Branta, Scapoli

1, leucopus, Lawr, Barnacle Goose

2, bernicla, Wilson, var. nigricans, Lawr, Brant Goose

3, canadensis, Wilson, Canada Goose

235 Dendrocygna, Swains

1, fulva, Baird, Fulvous-Tree Duck

2, autumnalis, Lawr, Autumnal-Tree Duck

236 Anas, Linné

1, boschas, Linné, Mallard

2, obscura, Wilson, Black-Duck

2, alba, Wilson, White Ibis

3, rubra, Wilson, Scarlet Ibis

217 Platalea, Linné

1, ajaja, Wilson, Roseate Spoonbill

218 Ardea, Linné1, herodias, Wilson ^{Great Blue} Heron

2, wardemanni, Coues, Florida Heron

3, occidentalis, Aud, ^{Great white} Heron

4, egretta, Wilson, Great white Egret

5, candidissima, Wils, Little white Egret

221 Anadetta, Gray,

1, exilis, Wilson, Least Bittern

222 Grus, Linné

1, americanus, Wilson, Whooping Crane

2, canadensis, Coues, Sandhill Crane

223 Aramus, Vieill1, scolopaceus, Var, giganteus, Bon
^{Scolopaceous Courlan,}224 Rallus, Linné

1, longirostris, Cassin, Clapper Rail

2, elegans, Wilson, King Rail

3, virginianus, Wilson, Virginia Rail

225 Porzana, Vieill

1, carolina, Wilson, Ortalan

2, noveboracensis, Bon, Yellow Rail

3, jamaicensis, Aud, Black Rail

226 Chex, Bechst

1, pratensis, Cassin, Corn-Crake

227 Gallinula, Brisson

1, galeata, Bonap, Florida Gallinule

228 Porphyrio, Temm.

1, martinica, Wilson, Purple Gallinule

229 Fulca, Linné

1, americana, Wilson, Coot

230 Phoenicopterus, Linné

1, ruber, Aud, American Flamingo

231 Cygnus, Linné

1, buccinator, Swains, Trumpeter Swan

2, americanus, Aud, Whistling Swan

232 Anser, Linné1, albifrons, Var, gambelii, Baird, ^{White} ^{fronted} Goose

2, caerulescens, Wilson, Blue Goose

3, hyperboreus, Wilson, Snow Goose

4, rossii, Baird, Ross-Goose

233 Philacte, Bannister

1, canagica, Baird, Painted Goose

234 Branta, Scapoli

1, leucopus, Lawr, Barnacle Goose

2, bernicla, Wilson, Var, nigricans, Lawr, ^{Brant} Goose

3, canadensis, Wilson, Canada Goose

235 Dendrocygna, Swains

1, fulva, Baird, Fulvous Tree Duck

2, autumnalis, Lawr, Autumnal Tree Duck

236 Anas, Linné

1, boschas, Linné, Mallard

2, obscura, Wilson, Black-Duck

237 Dafila, Leach

1. acuta, Wilson, Pintail-Duck

238 Chaulelasmus, Gray

1. streperus, Swains, Gadwall

239, Nareca, Steph.

1. penelope, Baird, European Widgeon
2. Americana, Sw, American Widgeon

239 Querquedula, Steph.

1. crecca, Coues, English Teal
2. carolinensis, Wilson, Green-winged Teal
3. discors, Swains, Blue-winged Teal
4. cyanoptera, Cassin, Cinnamon Teal

240 Spatula, Boie

1. clypeata, Wilson, Shoveller

241 Aix, Swains.

1. sponsa, Wilson, Summer Duck

242 Fuligula, Stephens

1. marila, Wilson, Great Scaup Duck
2. affinis, Baird, Lesser Scaup Duck
3. collaris, Wilson, Ring-necked Duck
4. ferina, var, americana, Coues, Red Head
5. vallisneria, Wilson, Canvasback

243 Bucephala, Baird

1. clangula, Wilson, Golden Eye
2. islandica, Swains, Barrows Golden Eye
3. albeola, Wilson, Butter-ball

245 Harlelda, Leach,

1. glacialis, Wilson, South-Southerly

246 Camptolaemus, Gray

1. labradorius, Wilson, Labrador Duck

247 Histrionicus, Lesson

1. torquatus, Wilson, Harlequin Duck

248 Somateria, Leach

1. stellerii, Nuttall, Stellers Eider
2. fischerii, Dall, Spectacled Eider
3. mollissima, Coues, Eider Duck
4. v-nigra, Baird, Pacific Eider
5. spectabilis, Nuttall, King Eider

248 Oedemia, Flemming

1. americana, Wilson, ^{American black} Scoter
2. velvetina, Cassin, var fusca, Coues ^{Velvet Scoter}
3. perspicillata, Wilson, Surf Duck

249 Eristomata, Bonap.

1. rubida, Wilson, Ruddy Duck
2. dominica, ~~dominica~~, ^{Kumlein} St. Domingo Duck

250 Mergus, Linné

1. merganser, Wilson, Goosander
2. serrator, Wilson, Red breasted Merganser
3. cuculatus, Wilson, Hooded Merganser

251 Sula, Brisson

1. fiber, Nuttall, Booby Gannet
2. bassana, Nutt, Common Gannet

252 Pelecanus, Linné

1. trachyrhinus, Rich, White Pelican
2. fuscus, Nuttall, Brown Pelican

253 Graculus, Linné

1. carbo, Nuttall, Common Cormorant
2. dilophus, Swains, Double crested Cormorant
3. mexicanus, Brandt, Mexican Cormorant
4. cininatus, Brandt, White tufted cormorant

4, *penicillatus*, Brandt, Brandt's ^{Cormorant}

5, *perspicillatus*, Pallas, Pallas Cormorant

6, *bicristatus*, Coues, Red faced Cormorant

7, *violaceus*, Coues, Violet green ^{Cormorant}

254 Plotus, Linne

1, *anhinga*, Nuttall, Snake-bird

255 Trachypetes, Vieill

1, *aquilus*, Nuttall, Frigate

256 Phaethon, Linne

1, *flavirostris*, Brandt, Tropic Bird

257 Stercorarius, Brisson

1, *Skua*, Coues, Skua-Gull

2, *pomatorhinus*, Swains, Pomarine ^{Jäger}

3, *parasiticus*, Coues, Richardson's Jäger

4, *buffonius*, Coues, Buffon's Jäger

258 Larus, Linne

1, *glaucus*, Rich, Ice Gull

2, *leucopterus*, Rich, White winged Gull

3, *glaucescens*, Bruch, Glaucous winged ^{Gull}

4, *marinus*, Coues, Saddle Back

5, *argentatus*, Rich, var. occidentalis, ^{Herring Gull, Aud.}

6, *delawarensis*, Ord, King billed Gull

7, *canus*, var. *brachyrhynchus*, Coues ^{American Mew Gull}

8, *eburneus*, Lawr, Ivory Gull

9, *belcherii*, Vigors, White headed Gull

10, *tridactylus*, Swains, Kittiwake Gull

11, var. *Kotzebui* Coues,

12, *brevirostris*, Lawr, Short billed Kittiwake

12, *atricilla*, Coues, Laughing Gull

13, *franklinii*, Lawr, Franklin's Rose Gull

14, *philadelphia*, Lawr, ~~Bonapartes~~ Gull

259 Rhodastethia, Macgill

1, *rosea*, Rich, Rose Rose Gull

260 Xema, Leach

1, *sabinei*, Rich, Fork tailed Gull

2, *furcatum*, Bonap, Swallow tailed Gull

261 Sterna, Linne

1, *anglica*, Nuttall, Marsh Tern

2, *caspia*, Lawr, Caspian Tern

3, *regia*, Coues, Royal Tern

4, *galericulata*, Licht, Elegant Tern

5, *centiaca*, Aud, Sandwich Tern

6, *hirundo*, Wilson, Common Tern

7, *forsterii*, Nuttall, Forsters Tern

8, *macroura*, Lawr, Arctic Tern

9, *longipennis*, Nordmann, Pines Tern

10, *paradisaea*, Lawrence, Roseate Tern

11, *superciliaris*, Vieill, Least Tern

12, *trudeaui*, Aud, Trudeaus Tern

13, *aleutica*, Coues, Aleutian Tern

14, *fuliginosa*, Wilson, Sooty Tern

15, *anastaea*, Coues, Bridlet Tern

262 Hydrochelidon, Boie

1, *fissipes*, Coues, Short tailed Tern

263 Anous, Leach

1, *stolidus*, Coues, Noddy Tern

264 Rhynchops, Linné

- 1, *nigra*, Wilson, Black Skimmer

265 Diomedea, Linné

- 1, *brachyura*, Cassin, Short tailed Albatross
 2, *nigripes*, Coes, Black footed Albatross
 3, *fuliginosa*, Coes, Sooty Albatross

266 Fulmarus, Leach

- 1, *giganteus*, Nuttall, Giant Fulmar
 2, *glacialis*, Nuttall, Fulmar
 3, *tenuirostris*, Lacro, Slender billed Fulmar

267, Dasypion Stephens

- 1, *capensis*, Lacro, Pintado-Petrel

269 Halocystena, Coes

- 1, *microsoma*, Coes, Least Petrel

270 Procellaria, Linné

- 1, *pelagica*, Nuttall, Stormy Petrel

271 Cymochorea, Coes,

- 1, *leucorrhoea*, Vieill, Leachs Petrel
 2, *melania*, Coes, Black Petrel
 3, *homachraa*, Coes, Ashy Petrel

273 Oceanodroma, Reich

- 1, *furcata*, Cassin, Fork tailed Petrel
 2, *hornbyi*, Gray, Hornbys Petrel

274 Oceanites, Keys,

- 1, *oceanica*, Coes, Wilsons Petrel

275 Fregetta, Bonap,

- 1, *grallaria* Vieill, White bellied Petrel

276 Puffinus, Brisson

- 1, *melanurus*, Bonn, ^{Black-tailed} Shearwater
 2, *nubilii*, Bonap, Gray Shearwater
 3, *creatus*, Coes, ^{Flesh footed} Shearwater
 4, *anglorum*, Nuttall, Munks Shearwater
 5, *obscurus*, Nuttall, Dusky Shearwater
 6, *opisthomelas*, Coes, ^{Black vented} Shearwater
 7, *fuliginosus*, Coes, Sooty Shearwater
 8, *amaurosoma*, Coes, ^{Dark bellied} Shearwater
 9, *tenuirostris*, Coes, Slender billed
 10, *major*, Lacro, ^{Wandering} Shearwater

278 Colymbus, Linné

- 1, *torquatus*, Wilson, ^{Var. Adamsii,} Loon
 2, *arcticus*, Swains, ^{Black throated} Diver
 Var *pacificus*, Lacro
 3, *septentrionalis*, Swains, ^{Red throat} Diver

279 Podiceps, Latham

- 1, *occidentalis*, Lacro, ^{Western} Grebe
 2, *cristatus*, Swains, Crested Grebe
 3, *halboldii*, var. of *griseosignus*, Coes
^{Red necked} Grebe
 4, *cornutus*, Swains, Horned Grebe
 5, *auritus*, var. *californicus*, ^{Eared} Grebe
 6, *dominicus*, Coes, St. Domingo Grebe

280 Podilymbus, Lesson

- 1, *podiceps*, Nuttall, Water Witch

281, Alca, Linné

- 1, *impennis*, Newton, Great Auk

281, Utaenia, Leach

- 1, *torda*, Coes, Razor billed Auk

264 Rhynchops, Linné1, *nigra*, Wilson, Black Skimmer265 Diomedea, Linné1, *brachyura*, Cassin, Short tailed Albatross2, *nigripes*, Coues, Black footed Albatross3, *fuliginosa*, Coues, Sooty Albatross266 Fulmarus, Leach1, *giganteus*, Nuttall, Giant Fulmar2, *glacialis*, Nuttall, Fulmar3, *tenuirostris*, Lacroz, Slender billed Fulmar268 Aestrelata, Bonap.1, *hesitata*, Coues, Black capped Petrel269 Halocystena, Coues1, *microsoma*, Coues, Least Petrel270 Procellaria, Linné1, *pelagica*, Nuttall, Stormy Petrel271 Cymochorea, Coues1, *leucorrhoea*, Vieill, Leach's Petrel2, *melania*, Coues, Black Petrel3, *homochroa*, Coues, Ashy Petrel273 Oceanodroma, Reich1, *furcata*, Cassin, Fork tailed Petrel2, *hornbyi*, Gray, Hornby's Petrel274 Oceanites, Keys1, *oceanica*, Coues, Wilson's Petrel275 Fregetta, Bonap.1, *grallaria* Vieill, White bellied Petrel276 Puffinus, Brisson1, *melanurus*, Bonn, ^{Black-tailed} Shearwater2, *nubilii*, Bonap, Grey Shearwater3, *creatopus*, Coues, ^{Flesh footed} Shearwater4, *anglorum*, Nuttall, Murre Shearwater5, *obscurus*, Nuttall, Dusky Shearwater6, *apristhomenes*, Coues, ^{Black vented} Shearwater7, *fuliginosus*, Coues, Sooty Shearwater8, *amaurosoma*, Coues, ^{Dark bellied} Shearwater9, *tenuirostris*, Coues, Slender billed2, *arcticus*, Swains, ^{black throated} DiverVar *pacificus*, Lacroz3, *septentrionalis*, Swains, ^{Red throat} Diver279 Podiceps, Latham1, *occidentalis*, Lacroz, Western Grebe2, *cristatus*, Swains, Crested Grebe3, *halobdellii*, var. of *griseosignus*, Coues
^{Red necked} Grebe4, *cornutus*, Swains, Horned Grebe5, *auritus*, var. *californicus* ^{Lesser} Grebe6, *dominicus*, Coues, St. Domingo Grebe280 Podilymbus, Lesson1, *podiceps*, Nuttall, Water Witch281, Alca, Linné1, *impennis*, Newton, Great Auk281, Utaenia, Leach1, *torda*, Coues, Razor billed Auk

282 Fratercula, Brisson

1. corniculata, Cassin, Horned Puffin
2. arcticus, Nuttall, Common Puffin
3. cirrhata, Nuttall, Tufted Puffin.

283 Ceratorhina, Bonap.

1. monocerata, Cassin, Horn billed Auk

284 Phaleris, Temm.

1. psittacula, Coes, Parroquet Auk

285 Simorhynchus, Merrem

1. cristatellus, Aud, Crested Auk
2. camtschaticus, Cassin, Whiskered Auk
3. puillus, Coes, Least Auk

286 Ptychorhamphus, Brandt

1. aleuticus, Cassin, Aleutian Auk

287 Mergulus, Auctorum

1. alle, Wilson, Sea Dove

288 Synthliborhamphus, Brandt

1. Kittlitzii, Brandt, Antiquus, Cassin, Black Throated Guillemot
2. werniguesum, Coes, Temmincks Guillemot

289 Uria, Brisson

1. grylle, Nuttall, Black Guillemot
2. columba, Cassin, Pigeon Guillemot
3. curba, Cassin, Sooty Guillemot

Lomvia, Brandt.

1. traile, Coes, Common Guillemot
2. area, Cassin, Thick billed Guillemot

290 Brachyrhamphus Brandt

1. marmoratus Cassin, Marbled Guillemot
2. Kittlitzii, Brandt, Kittlitz Murrelet.

Enata

No 169 is *Caalithys biguttatus*, Wetland, an old male
horned Chuk.

No. 1202, 1203, & 1204, are larvae of *Pachyhippus faber*
Cuv.

Fred. Schaffnit



IN
ARI